

**UNIVERZITA KOMENSKÉHO V BRATISLAVE
FAKULTA MATEMATIKY, FYZIKY A INFORMATIKY**

Prehľad publikačnej činnosti

doc. Mgr. Jozef Kristek, DrSc.

Menný zoznam publikácií:

V3 Vedecký výstup publikačnej činnosti z časopisu

Počet výstupov: 7

V3_001 / Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (20%) - Kristek, Jozef (Autor) (20%) - Vavryčuk, Václav (Autor) (20%) - Archuleta, Ralph J. (Autor) (20%) - Halada, Ladislav (Autor) (20%): 3D heterogeneous staggered-grid finite difference modeling of seismic motion with volume harmonic and arithmetic averaging of elastic moduli and densities. – text. – [recenzované]. – DOI 10.1785/0120010167. – SCO ; SCIE ; CCC ; WOS CC

In: *Bulletin of the Seismological Society of America* [textový dokument (print)] [elektronický dokument] . – ElCerrito (USA) : Seismological Society of America. – ISSN 0037-1106. – ISSN (online) 1943-3573. – Roč. 92, č. 8 (2002), s. 3042-3066 [tlačená forma] [online]

Počet všetkých autorov: 5

[článok]

Lit.: 45

[OV 092 Vedy o Zemi a vesmíre]

[ŠO 1217 vedy o Zemi]

Ohlasy (365):

2003 [1/12] / GBR - Chavez-Garcia, F. J. Site effects in Parkway Basin: comparison between observations and 3-D modelling [elektronický dokument] In: *Geophysical Journal International*. Oxford: Oxford University Press, 2003, Roč. 154, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 633 - 646

2003 [1/12] / USA - Chavez-Garcia, F. J., Stephenson, W. R. Reply to "Comment on '3D site effects: A thorough analysis of a high-quality dataset,' by F. J. Chavez-Garcia, J. Castillo, and W. R. Stephenson," by R. Paolucci and E. Faccioli [elektronický dokument] In: *Bulletin of the Seismological Society of America*. ElCerrito: Seismological Society of America, 2003, Roč. 93, č. 5, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; WOS CC, 2306 - 2316

2003 [1/12] / USA - Olsen, K. B., Day, S. M., Bradley, C. R. Estimation of Q for long-period (> 2 sec) waves in the Los Angeles basin [elektronický dokument] In: *Bulletin of the Seismological Society of America*. ElCerrito: Seismological Society of America, 2003, Roč. 93, č. 2, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 627 - 638

2003 [1/12] / neurčené - Sheen, D. H., Tuncay, K., Baag, C. E., Ortoleva, P. J. Wave propagation in poroelastic media: A velocity-stress staggered-grid finite-difference method with perfectly matched layers In: *SEG Technical Program Expanded Abstracts*, 2003, Roč. 22, č. 1. - SCO, 2295 - 2298

2004 [1/12] / USA - Saenger, E. H., Bohlen, T. Finite-difference modeling of viscoelastic and anisotropic wave propagation using the rotated staggered grid [elektronický dokument] In: *Geophysics: a journal of general and applied geophysics*. Tulsa: The Society of Exploration Geophysicists, 2004, Roč. 69, č. 2, [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC, 583 - 591

2004 [1/12] / GBR - Zhang, J. F. Elastic wave modelling in heterogeneous media with high velocity contrasts [elektronický dokument] In: *Geophysical Journal International*. Oxford: Oxford University Press, 2004, Roč. 159, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 223 - 239

2005 [1/12] / USA - Dangla, P., Semblat, J. F., Xiao, H. H., Delepine, N. A simple and efficient regularization method for 3D BEM: Application to frequency-domain elastodynamics [elektronický dokument] In: *Bulletin of the Seismological Society of America*. ElCerrito: Seismological Society of America, 2005, Roč. 95, č. 5, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE

; SCO ; WOS CC, 1916 - 1927

2005 [1/12] / GBR - Kruger, O. S., Saenger, E. H., Shapiro, S. A. Scattering and diffraction by a single crack: an accuracy analysis of the rotated staggered grid [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2005, Roč. 162, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 25 - 31

2007 [1/12] / USA - Haney, M. M. Generalization of von Neumann analysis for a model of two discrete half-spaces: The acoustic case [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2007, Roč. 72, č. 5, [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2006 [1/12] / GBR - Roten, D., Fah, D., Cornou, C., Giardini, D. Two-dimensional resonances in Alpine valleys identified from ambient vibration wavefields [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2006, Roč. 165, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 889 - 905

2007 [1/12] / neurčené - Dalguer, L. A., Day, S. M. Staggered-grid split-node method for spontaneous rupture simulation In: Journal of Geophysical Research-Solid Earth, 2007, Roč. 112. - SCIE ; SCO ; WOS CC, Art. No. B02302

2006 [1/12] / GBR - Zhang, W., Chen, X. F. Traction image method for irregular free surface boundaries in finite difference seismic wave simulation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2006, Roč. 167, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 337 - 353

2007 [1/12] / USA - Ichimura, T., Hori, M., Kuwamoto, H. Earthquake motion simulation with multiscale finite-element analysis on hybrid grid [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2007, Roč. 97, č. 4, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1133 - 1143

2007 [1/12] / neurčené - Elgamal, A., Pitilakis, K., Raptakis, D., Garnier, J., Madabhushi, S. P. G., Pinto, A., Steidl, J., Stewart, H. E., Stokoe, K. H., Taucer, F., Tokimatsu, K., Wallace, J. W. A review of large-scale testing facilities in geotechnical earthquake engineering In: Earthquake Geotechnical Engineering. Dordrecht: Springer, 2007. - CPCI-S ; SCO ; WOS CC, 93 - 127

2007 [3/12] / neurčené - de la Puente, J. Článok In: Seismic wave simulation for complex rheologies on unstructured meshes. München : Ludwig-Maximilians-Universität, 2007, 2007

2007 [1/12] / USA - JafarGandomi, A., Takenaka, H. Efficient FDTD algorithm for plane-wave simulation for vertically heterogeneous attenuative media [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2007, Roč. 72, č. 4, 43- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2006 [1/12] / USA - Bohlen, T., Saenger, E. H. Accuracy of heterogeneous staggered-grid finite-difference modeling of Rayleigh waves [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2006, Roč. 71, č. 4, 109- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2005 [1/12] / neurčené - Semblat, J.-F., Dangla, P. Modeling wave propagation and soil-structure interaction: Finite element and boundary element approaches In: Bulletin des Laboratoires des Ponts et Chaussees, 2005, Roč. 256-257. - SCO, 163 - 178

2005 [1/12] / neurčené - Ruggiero, V., Lanucara, P., Busico, M. P., Caserta, A., Firmani, B. Numerical modelling of the ground motion: A parallel approach for finite element methods In: Applied and Industrial Mathematics in Italy : Book Series: Series on Advances in Mathematics for Applied Science. Singapore: World Scientific Publication Corporation, 2005. - CPCI-S ; WOS CC, 487 - 495

2006 [1/12] / USA - Dalguer, L. A., Day, S. M. Comparison of fault representation methods in finite difference simulations of dynamic rupture [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2006, Roč. 96, č. 5, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1764 - 1778

2006 [1/12] / GBR - Dumbser, M., Kaser, M. An arbitrary high-order Discontinuous Galerkin method for elastic waves on unstructured meshes - 2. The three-dimensional isotropic case [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2006, Roč. 167, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 319 - 336

2006 [1/12] / neurčené - Chen, H., Wang, X. M., Zhao, H. B. A rotated staggered grid finite-difference with the absorbing boundary condition of a perfectly matched layer In: Chinese Science Bulletin, 2006, Roč. 51, č. 19. - SCIE ; SCO ; WOS CC, 2304 - 2314

2006 [1/12] / GBR - Kaser, M., Dumbser, M. An arbitrary high-order discontinuous Galerkin method for elastic waves on unstructured meshes - 1. The two-dimensional isotropic case with external source terms [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2006, Roč. 166, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 855 - 877

2006 [1/12] / NLD - Sheen, D. H., Tuncay, K., Baag, C. E., Ortoreva, P. J. Parallel implementation of a velocity-stress staggered-grid finite-difference method for 2-D poroelastic wave propagation [elektronický dokument] In: Computers & Geosciences. Amsterdam: Elsevier, 2006, Roč. 32, č. 8, [tlačená forma] [online]. ISSN 0098-3004. ISSN (online) 1873-7803. - SCIE ; SCO ; WOS CC, 1182 - 1191

2009 [1/12] / neurčené - Zhu, H. J., Zhang, W., Chen, X. F. Two-dimensional seismic wave simulation in anisotropic media by non-staggered finite difference method In: Chinese Journal of Geophysics-Chinese Edition, 2009, Roč. 52, č. 6. - SCIE ; SCO ; WOS CC, 1536 - 1546

2008 [1/12] / GBR - Rojas, O., Day, S., Castillo, J., Dalguer, L. A. Modelling of rupture propagation using high-order mimetic finite differences [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2008, Roč. 172, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 631 - 650

2007 [1/12] / USA - Saenger, E. H., Ciz, R., Kruger, O. S., Schmalholz, S. M., Gurevich, B., Shapir, S. A. Finite-difference modeling of wave propagation on microscale: A snapshot of the work in progress [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2007, Roč. 72, č. 5, [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2008 [1/12] / NLD - Frehner, M., Schmalholz, S. M., Saenger, E. H., Steeb, H. Comparison of finite difference and finite element methods for simulating two-dimensional scattering of elastic waves [elektronický dokument] In: Physics of the Earth and Planetary Interiors: a journal devoted to observational and experimental studies of the earth and planetary interiors and their theoretical interpretation by the physical sciences. Amsterdam: Elsevier, 2008, Roč. 171, č. 1-4, [tlačená forma] [online]. ISSN 0031-9201. ISSN (online) 1872-7395. - SCIE ; SCO ; WOS CC

2008 [1/12] / USA - Kaser, M., Dumbser, M. A highly accurate discontinuous Galerkin method for complex interfaces between solids and moving fluids [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2008, Roč. 73, č. 3, 23- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2008 [1/12] / GBR - Kaser, M., Hermann, V., de la Puente, J. Quantitative accuracy analysis of the discontinuous Galerkin method for seismic wave propagation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2008, Roč. 173, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 990 - 999

2008 [1/12] / GBR - Lombard, B., Piraux, J., Gelis, C., Virieux, J. Free and smooth boundaries in 2-D finite-difference schemes for transient elastic waves [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2008, Roč. 172, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 252 - 261

2009 [1/12] / GBR - JafarGandomi, A., Takenaka, H. Non-standard FDTD for elastic wave simulation: Two-dimensional P-SV case [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2009, Roč. 178, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 282 - 302

2007 [1/12] / CZE - Perez-Ruiz, J. A., Luzon, F., Garcia-Jerez, A. Scattering of elastic waves in cracked

media using a finite difference method [elektronický dokument] In: *Studia Geophysica et Geodaetica: a journal of geophysics, meteorology and climatology, geodesy*. Praha: Akademie věd České republiky. Geofyzikální ústav AV ČR, 2007, Roč. 51, č. 1, [tlačенá forma] [online]. ISSN 0039-3169. ISSN (online) 1573-1626. - SCIE ; SCO ; WOS CC, 59 - 88

2007 [1/12] / USA - Xu, Y. X., Xia, J. H., Miller, R. D. Numerical investigation of implementation of air-earth boundary by acoustic-elastic boundary approach [elektronický dokument] In: *Geophysics: a journal of general and applied geophysics*. Tulsa: The Society of Exploration Geophysicists, 2007, Roč. 72, č. 5, [tlačенá forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2008 [1/12] / CHE - Narayan, J. P., Kumar, S. A fourth order accurate SH-Wave staggered grid finite-difference algorithm with variable grid size and VGR-Stress imaging technique [elektronický dokument] In: *Pure and Applied Geophysics: pageoph*. Bazilej: Springer Nature. Springer International Publishing AG, 2008, Roč. 165, č. 2, [tlačенá forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 271 - 294

2008 [1/12] / NLD - Hori, M., Ichimura, T. Current state of integrated earthquake simulation for earthquake hazard and disaster [elektronický dokument] In: *Journal of Seismology*. Dordrecht: Springer Nature, 2008, Roč. 12, č. 2, [tlačенá forma] [online]. ISSN 1383-4649. ISSN (online) 1573-157X. - SCIE ; SCO ; WOS CC, 307 - 321

2009 [1/12] / neurčené - Hori, M., Oguni, K., Ichimura, T. Integrated simulation for earthquake hazard and disaster prediction In: *Journal of Earthquake and Tsunami*, 2009, Roč. 3, č. 3. - SCIE ; SCO ; WOS CC, 121 - 141

2009 [1/12] / GBR - Ichimura, T., Hori, M., Bielak, J. A hybrid multiresolution meshing technique for finite element three-dimensional earthquake ground motion modelling in basins including topography [elektronický dokument] In: *Geophysical Journal International*. Oxford: Oxford University Press, 2009, Roč. 177, č. 3, [tlačенá forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1221 - 1232

2008 [1/12] / IND - Kumar, S., Narayan, J. P. Importance of quantification of local site effects based on wave propagation in seismic microzonation [elektronický dokument] In: *Journal of Earth System Science*. Bangalúr: Indian Academy of Sciences, 2008, Roč. 117, č. 2, [tlačенá forma] [online]. ISSN 0253-4126. ISSN (online) 0973-774X. - SCIE ; SCO ; WOS CC, 731 - 748

2008 [1/12] / NLD - Narayan, J. P., Richharia, A. A. Effects of strong lateral discontinuity on ground motion characteristics and aggravation factor [elektronický dokument] In: *Journal of Seismology*. Dordrecht: Springer Nature, 2008, Roč. 12, č. 4, [tlačенá forma] [online]. ISSN 1383-4649. ISSN (online) 1573-157X. - SCIE ; SCO ; WOS CC, 557 - 573

2008 [1/12] / POL - Kumar, S., Narayan, J. P. Absorbing boundary conditions in a fourth-order accurate SH-wave staggered grid finite difference algorithm [elektronický dokument] In: *Acta Geophysica*. Varšava: Springer Nature. Springer International Publishing AG, 2008, Roč. 56, č. 4, [tlačенá forma] [online]. ISSN 1895-6572. ISSN (online) 1895-7455. - SCIE ; SCO ; WOS CC, 1090 - 1108

2008 [1/12] / neurčené - Preston, L. A., Aldridge, D. F., Symons, N. P. Finite-difference modeling of 3D seismic wave propagation in high-contrast media In: *SEG Technical Program Expanded Abstracts*, 2008, Roč. 27, č. 1. - SCO, 2142 - 2146

2008 [1/12] / NLD - Deubelbeiss, Y., Kaus, B. J. P. Comparison of Eulerian and Lagrangian numerical techniques for the Stokes equations in the presence of strongly varying viscosity [elektronický dokument] In: *Physics of the Earth and Planetary Interiors: a journal devoted to observational and experimental studies of the earth and planetary interiors and their theoretical interpretation by the physical sciences*. Amsterdam: Elsevier, 2008, Roč. 171, č. 1-4, [tlačенá forma] [online]. ISSN 0031-9201. ISSN (online) 1872-7395. - SCIE ; SCO ; WOS CC, 92 - 111

2008 [1/12] / GBR - Fichtner, A., Igel, H. Efficient numerical surface wave propagation through the optimization of discrete crustal models-a technique based on non-linear dispersion curve matching (DCM) [elektronický dokument] In: *Geophysical Journal International*. Oxford: Oxford University Press, 2008, Roč. 173, č. 2, [tlačенá forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 519 - 533

- 2008 [1/12] / NLD** - Chaillat, S., Bonnet, M., Semblat, J. F. A multi-level fast multipole BEM for 3-D elastodynamics in the frequency domain [elektronický dokument] In: Computer Methods in Applied Mechanics and Engineering. Amsterdam: Elsevier, 2008, Roč. 197, č. 49-50, [tlačená forma] [online]. ISSN 0045-7825. ISSN (online) 1879-2138. - SCIE ; SCO ; WOS CC, 4233 - 4249
- 2008 [1/12] / neurčené** - Semblat, J. F. Modeling seismic wave propagation in 1D/2D/3D linear and nonlinear media In: 12th International Conference on Computer Methods and Advances in Geomechanics 2008, 2008, Roč. 1. - SCO, 353 - 360
- 2008 [1/12] / GBR** - Wang, H. J., Igel, H., Gallovič, F., Cochard, A., Ewald, M. Source-related variations of ground motions in 3-D media: application to the Newport-Inglewood fault, Los Angeles Basin [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2008, Roč. 175, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 202 - 214
- 2009 [1/12] / neurčené** - Du, Q. Z., Qin, T. Multicomponent prestack reverse-time migration of elastic waves in transverse isotropic medium In: Chinese Journal of Geophysics-Chinese Edition, 2009, Roč. 52, č. 3. - SCIE ; SCO ; WOS CC, 801 - 807
- 2009 [1/12] / neurčené** - He, Y., Gao, J., Wang, W., Wang, X., Ma, Y. Elastic wave modeling with high dominant frequency directional point source using ADER-DG FE scheme In: SEG Technical Program Expanded Abstracts, 2009, Roč. 28, č. 1. - SCO, 2682 - 2686
- 2009 [1/12] / neurčené** - Chu, C., Stoffa, P. L., Seif, R. High-order rotated staggered finite difference modeling of 3D elastic wave propagation in general anisotropic media In: SEG Technical Program Expanded Abstracts, 2009, Roč. 28, č. 1. - SCO, 291 - 295
- 2009 [1/12] / neurčené** - Kaul, U. K. New dissipative leapfrog finite difference scheme for elastodynamic simulation in noninertial frames In: AIAA Journal, 2009, Roč. 47, č. 8. - SCIE ; SCO ; WOS CC, 1916 - 1925
- 2009 [1/12] / GBR** - Liu, Y., Sen, M. K. An implicit staggered-grid finite-difference method for seismic modelling [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2009, Roč. 179, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 459 - 474
- 2009 [1/12] / GBR** - Rojas, O., Dunham, E. M., Day, S. M., Dalguer, L. A., Castillo, J. E. Finite difference modelling of rupture propagation with strong velocity-weakening friction [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2009, Roč. 179, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1831 - 1858
- 2009 [1/12] / neurčené** - Toyokuni, G., Takenaka, H. ACE-A FORTRAN subroutine for analytical computation of effective grid parameters for finite-difference seismic waveform modeling with standard Earth models In: Chinese Journal of Geophysics-Chinese Edition, 2009, Roč. 52, č. 3. - SCIE ; SCO ; WOS CC, 801 - 807
- 2009 [1/12] / USA** - Wang, H., Igel, H., Gallovic, F., Cochard, A. source and basin effects on rotational ground motions: comparison with translations [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2009, Roč. 99, č. 2, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1162 - 1173
- 2009 [1/12] / neurčené** - Yang, D., Chen, S. A weighted Runge-Kutta algorithm with effectively eliminating the numerical dispersion In: SEG Technical Program Expanded Abstracts, 2009, Roč. 28, č. 1. - SCO, 2547 - 2551
- 2012 [1/12] / GBR** - Le Roux, O., Cornou, C., Jongmans, D., Schwartz, S. 1-D and 2-D resonances in an Alpine valley identified from ambient noise measurements and 3-D modelling [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2012, Roč. 191, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 579 - 590
- 2010 [1/12] / GBR** - Klin, P., Priolo, E., Seriani, G. Numerical simulation of seismic wave propagation in realistic 3-D geo-models with a Fourier pseudo-spectral method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2010, Roč. 183, č. 2, [tlačená forma] [online]. ISSN

2010 [1/12] / GBR - Pelties, C., Kaser, M., Hermann, V., Castro, C. E. Regular versus irregular meshing for complicated models and their effect on synthetic seismograms [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2010, Roč. 183, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1031 - 1051

2012 [1/12] / NLD - Yang, D., Tong, P., Deng, X. A central difference method with low numerical dispersion for solving the scalar wave equation [elektronický dokument] In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2012, Roč. 60, č. 5, [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCIE ; SCO ; WOS CC, 885 - 905

2012 [1/12] / GBR - Zhang, W., Zhang, Z., Chen, X. Three-dimensional elastic wave numerical modelling in the presence of surface topography by a collocated-grid finite-difference method on curvilinear grids [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2012, Roč. 190, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 358 - 378

2010 [1/12] / GBR - Kimman, W. P., Trampert, J. Approximations in seismic interferometry and their effects on surface waves [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2010, Roč. 182, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 461 - 476

2010 [1/12] / CHE - Narayan, J. P. Effects of impedance contrast and soil thickness on basin-transduced rayleigh waves and associated differential ground motion [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2010, Roč. 167, č. 12, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 1485 - 1510

2010 [1/12] / HRV - Narayan, J. P., Kumar, S. A 4(th) order accurate P-SV wave staggered grid finite difference algorithm with variable grid size and VGR-stress imaging technique [elektronický dokument] In: Geofizika. Zagreb: Geofizički zavod, 2010, Roč. 27, č. 1, [tlačená forma] [online]. ISSN 0352-3659. ISSN (online) 1846-6346. - SCIE ; SCO ; WOS CC, 45 - 68

2010 [1/12] / POL - Narayan, J. P., Kumar, S. Study of effects of focal depth on the characteristics of Rayleigh waves using finite difference method [elektronický dokument] In: Acta Geophysica. Varšava: Springer Nature. Springer International Publishing AG, 2010, Roč. 58, č. 4, [tlačená forma] [online]. ISSN 1895-6572. ISSN (online) 1895-7455. - SCIE ; SCO ; WOS CC, 624 - 644

2011 [1/12] / neurčené - Fichtner, A. Full seismic waveform modelling and inversion : Advances in Geophysical and Environmental Mechanics and Mathematics [textový dokument (print)] . Berlin: Springer, 2011. 1 vyd. - BKCI-S ; WOS CC, 1

2011 [1/12] / GBR - Skarlatoudis, A. A., Papazachos, C. B., Theodoulidis, N. Spatial distribution of site effects and wave propagation properties in Thessaloniki (N. Greece) using a 3-D finite difference method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2011, Roč. 185, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 485 - 513

2011 [1/12] / USA - Zeng, C., Xia, J., Miller, R. D., Tsofilas, G. P. Application of the multiaxial perfectly matched layer (M-PML) to near-surface seismic modeling with Rayleigh waves [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2011, Roč. 76, č. 3, 43- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2012 [1/12] / CHE - Narayan, J. P. Effects of P-wave and S-wave impedance contrast on the characteristics of basin transduced Rayleigh waves [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2012, Roč. 169, č. 4, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 693 - 709

2012 [1/12] / USA - Petrov, P. V., Newman, G. A. 3D finite-difference modeling of elastic wave propagation in the Laplace-Fourier domain [elektronický dokument] In: Geophysics: a journal of general

and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2012, Roč. 77, č. 4, 137-
[tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2012 [1/12] / USA - Skarlatoudis, A. A., Papazachos, C. B., Theodoulidis, N. Site-response study of Thessaloniki (Northern Greece) for the 4 July 1978 M 5.1 aftershock of the June 1978 M 6.5 sequence using a 3D finite-difference approach [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2012, Roč. 102, č. 2, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 722 - 737

2012 [1/12] / USA - Zeng, C., Xia, J., Miller, R. D., Tsoflis, G. P. An improved vacuum formulation for 2D finite-difference modeling of Rayleigh waves including surface topography and internal discontinuities [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2012, Roč. 77, č. 1, 1- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2012 [1/12] / GBR - Zhang, W., Shen, Y., Zhao, L. Three-dimensional anisotropic seismic wave modelling in spherical coordinates by a collocated-grid finite-difference method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2012, Roč. 188, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1359 - 1381

2013 [1/12] / HRV - Kumar, V., Narayan, J. P. Study of combined effects of sediment rheology and anticlinal basement topography on ground motion characteristics [elektronický dokument] In: Geofizika. Zagreb: Geofizički zavod, 2013, Roč. 30, č. 1, [tlačená forma] [online]. ISSN 0352-3659. ISSN (online) 1846-6346. - SCIE ; SCO ; WOS CC, 75 - 93

2011 [1/12] / USA - Semblat, J. F. Modeling Seismic Wave Propagation and Amplification in 1D/2D/3D Linear and Nonlinear Unbounded Media [elektronický dokument] In: International journal of geomechanics. Reston: The American Society of Civil Engineers, 2011, Roč. 11, č. 6, [online]. ISSN 1532-3641. ISSN (online) 1943-5622. - SCIE ; SCO ; WOS CC, 2011

2010 [1/12] / USA - Yang, D. H., Wang, L. A split-step algorithm for effectively suppressing the numerical dispersion for 3D seismic propagation modeling [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2010, Roč. 100, č. 4, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1470 - 1484

2011 [1/12] / GBR - Hermann, V., Kaser, M., Castro, C. E. Non-conforming hybrid meshes for efficient 2-D wave propagation using the Discontinuous Galerkin Method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2011, Roč. 184, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 746 - 758

2011 [1/12] / USA - Semblat, J. F., Lenti, L., Gandomzadeh, A. A simple multi-directional absorbing layer method to simulate elastic wave propagation in unbounded domains [elektronický dokument] In: International Journal for Numerical Methods in Engineering. [s.l.]: John Wiley & Sons, 2011, Roč. 85, č. 12, [tlačená forma] [online]. ISSN 0029-5981. ISSN (online) 1097-0207. - SCIE ; SCO ; WOS CC, 1543 - 1563

2012 [1/12] / USA - Semblat, J. F. Modeling seismic wave propagation and amplification in 1D/2D/3D linear and nonlinear unbounded media [elektronický dokument] In: International journal of geomechanics. Reston: The American Society of Civil Engineers, 2012, Roč. 11, č. 6, [online]. ISSN 1532-3641. ISSN (online) 1943-5622. - SCO, 440 - 448

2010 [1/12] / GBR - Miksat, J., Wen, K. L., Wenzel, F., Sokolov, V., Chen, C. T. Numerical modelling of ground motion in the Taipei Basin: Basin and source effects [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2010, Roč. 183, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1633 - 1647

2013 [1/12] / CHE - Aochi, H., Ducellier, A., Dupros, F., Delatre, M., Ulrich, T., de Martin, F., Yoshimi, M. Finite difference simulations of seismic wave propagation for the 2007 Mw 6.6 Niigata-ken Chuetsu-Oki earthquake: Validity of models and reliable input ground motion in the near-field [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazel: Springer Nature. Springer International Publishing AG, 2013, Roč. 170, č. 1-2, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 43 - 64

2010 [1/12] / neurčené - Zhang, L. X., Fu, L. Y., Pei, Z. L. Finite difference modeling of Blot's poroelastic equations with unsplit convolutional PML and rotated staggered grid In: Chinese Journal of Geophysics-Chinese Edition, 2010, Roč. 53, č. 10. - SCIE ; SCO ; WOS CC, 2470 - 2483

2012 [1/12] / GBR - Delepine, N., Semblat, J. F. Site effects in an alpine valley with strong velocity gradient: Interest and limitations of the 'classical' BEM [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2012, Roč. 38, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 15 - 24

2010 [1/12] / DEU - Lisitsa, V., Podgornova, O., Tcheverda, V. On the interface error analysis for finite difference wave simulation [elektronický dokument] In: Computational Geosciences: Modeling, Simulation and Data Analysis. Berlín: Springer Nature. Springer International Publishing AG, 2010, Roč. 14, č. 4, [tlačená forma] [online]. ISSN 1420-0597. ISSN (online) 1573-1499. - SCIE ; SCO ; WOS CC, 769 - 778

2010 [3/12] / neurčené - Podgornova, O., Lisitsa, V. Accuracy analysis of finite-difference staggered-grid numerical schemes for elastic-elastic and fluid-elastic interfaces In: SEG Technical Program Expanded Abstracts, 2010, Roč. 29, č. 1, 3087 - 3091

2012 [1/12] / neurčené - Narayan, J. P. Effects of angle of incidence of sh-wave at the basin-edge on the characteristics of basin-edge induced love wave In: Journal of Earthquake and Tsunami, 2012, Roč. 6, č. 1. - SCIE ; SCO ; WOS CC, Art. No. 1250006

2010 [1/12] / neurčené - Chen, S., Yang, D. H., Deng, X. Y. An improved algorithm of the fourth-order Runge-Kutta method and seismic wave-field simulation In: Chinese Journal of Geophysics-Chinese Edition, 2010, Roč. 53, č. 5. - SCIE ; SCO ; WOS CC, 1196 - 1206

2011 [1/12] / USA - Liu, Y., Sen, M. K. Scalar wave equation modeling with time-space domain dispersion-relation-based staggered-grid finite-difference schemes [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2011, Roč. 101, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 141 - 159

2011 [1/12] / neurčené - Tong, P., Yang, D., Hua, B. High accuracy wave simulation - Revised derivation, numerical analysis and testing of a nearly analytic integration discrete method for solving acoustic wave equation In: International journal of solids and structures, 2011, Roč. 48, č. 1, [tlačená forma]. ISSN 0020-7683. - SCIE ; SCO ; WOS CC, 56 - 70

2011 [1/12] / GBR - Pilz, M., Parolai, S., Stupazzini, M., Paolucci, R., Zschau, J. Modelling basin effects on earthquake ground motion in the Santiago de Chile basin by a spectral element code [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2011, Roč. 187, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 929 - 945

2010 [1/12] / neurčené - Bielak, J., Graves, R. W., Olsen, K. B., Taborda, R., Ramirez-Guzman, L., Day, S. M., Ely, G. P., Roten, D., Jordan, T. H., Maechling, P. J., Urbanic, J., Cui, Y. F., Juve, G. The ShakeOut earthquake scenario: Verification of three simulation sets In: Geophysicsl Journal International, 2010, Roč. 180, č. 1. - SCIE ; SCO ; WOS CC, 375 - 404

2010 [1/12] / neurčené - Brossier, R., Etienne, V., Operto, S., Virieux, J. Frequency-Domain Numerical Modelling of Visco-Acoustic Waves with Finite-Difference and Finite-Element Discontinuous Galerkin Methods In: Acoustic Waves. Rijeka: Intech Europe, 2010. - BKCI-S ; WOS CC, 125 - 158

2010 [1/12] / neurčené - Capdeville, Y., Guillot, L., Marigo, J. J. 1-D non-periodic homogenization for the seismic wave equation In: Geophysicsl Journal International, 2010, Roč. 181, č. 2. - SCIE ; SCO ; WOS CC, 897 - 910

2010 [1/12] / neurčené - Castro, C. E., Kaser, M., Brietzke, G. B. Seismic waves in heterogeneous material: subcell resolution of the discontinuous Galerkin method In: Geophysicsl Journal International, 2010, Roč. 182, č. 1. - SCIE ; SCO ; WOS CC, 250 - 264

2010 [1/12] / neurčené - Chen, J. Y., Bording, R. P., Liu, E. R., Zhang, Z. J., Badal, J., Chen, J. Y. - Bording, R. P., Liu, E. R., Zhang, Z. J., Badal, J. The application of the nearly optimal sponge boundary conditions for seismic wave propagation in poroelastic media In: Journal of Seismic Exploration, 2010, Roč. 19, č. 1. ISSN 09630651. - SCIE ; SCO ; WOS CC, 1 - 19

2010 [1/12] / neurčené - Chen, S., Yang, D. H., Deng, X. Y. A weighted runge-kutta method with weak numerical dispersion for solving wave equations [elektronický dokument] In: Communications in Computational Physics, 2010, Roč. 7, č. 5, [tlačaná forma]. ISSN 1815-2406. ISSN (online) 1991-7120. - SCIE ; SCO ; WOS CC, 1027 - 1048

2010 [1/12] / neurčené - JafarGandomi, A., Takenaka, H. Three component 1D viscoelastic FDM for plane-wave oblique incidence In: Advances in Geosciences. Singapore: World Scientific, 2010. - SCO, 299 - 312

2010 [1/12] / neurčené - Kapicka, A., Petrovsky, E., Fialova, H., Kodesova, R. Factors influencing reliability of magnetic pollution mapping - A review In: Advances in Geosciences. Singapore: World Scientific, 2010. - SCO, 273 - 282

2010 [1/12] / NLD - Li, X. F., Zhu, T., Zhang, M. G., Long, G. H. Seismic scalar wave equation with variable coefficients modeling by a new convolutional differentiator [elektronický dokument] In: Computer Physics Communications: An International Journal and Program Library for Computational Physics and Physical Chemistry. Amsterdam: Elsevier, 2010, Roč. 181, č. 11, [tlačaná forma] [online]. ISSN 0010-4655. ISSN (online) 1879-2944. - SCIE ; SCO ; WOS CC, 1850 - 1858

2010 [1/12] / NLD - Lisitsa, V., Vishnevskiy, D. Lebedev scheme for the numerical simulation of wave propagation in 3D anisotropic elasticity double dagger [elektronický dokument] In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2010, Roč. 58, č. 4, [tlačaná forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCIE ; SCO ; WOS CC, 619 - 635

2010 [1/12] / USA - O'Brien, G. S. 3D rotated and standard staggered finite-difference solutions to Biot's poroelastic wave equations: Stability condition and dispersion analysis [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2010, Roč. 75, č. 4, 111- [tlačaná forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2010 [1/12] / neurčené - Orescanin, M., Wang, Y., Insana, M. F. 3D Shear wave imaging: A simulation and experimental study In: Proceedings - IEEE Ultrasonics Symposium. New York: Institute of Electrical and Electronics Engineers, 2010. - SCO, 1035 - 1038

2010 [1/12] / neurčené - Pinton, G., Pernot, M., Bossy, E. -Aubry, J. F., Muller, M., Tanter, M. Mechanisms of attenuation and heating dissipation of ultrasound in the skull bone: Comparison between simulation models and experiments In: Proceedings - IEEE Ultrasonics Symposium. New York: Institute of Electrical and Electronics Engineers, 2010. - SCO, 225 - 228

2010 [1/12] / neurčené - Podgornova, O.- Lisitsa, V., Vishnevsky, D. Traveltime and reflection coefficients accuracy of staggered-grid finite-difference simulation of seismic waves In: Society of Petroleum Engineers - 72nd European Association of Geoscientists and Engineers Conference and Exhibition 2010 - Incorporating SPE EUROPEC 2010, 2010, Roč. 1. - SCO, 522 - 526

2010 [1/12] / GBR - Semblat, J. F., Lokmane, N., Driad-Lebeau, L., Bonnet, G. Local amplification of deep mining induced vibrations part.2: Simulation of ground motion in a coal basin [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2010, Roč. 30, č. 10, [tlačaná forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 947 - 957

2010 [1/12] / neurčené - Semblat, J. F., Gandomzadeh, A., Lenti, L. A simple numerical absorbing layer method in elastodynamics In: Comptes Rendus Mecanique, 2010, Roč. 338, č. 1. - SCIE ; SCO ; WOS CC, 24 - 32

2010 [1/12] / neurčené - Xu, Y., Luo, Y., Liang, Q., Wang, L., Song, X., Liu, J., Chen, C., Gu, H. Investigation and Use of Surface-wave Characteristics for Near-surface Applications In: Advances in Near-Surface Seismology and Ground-Penetrating Radar : Geophysical Developments Series. Tulsa: Soc Exploration Geophysicists, 2010. - CPCI-S ; WOS CC, 37 - 54

2011 [1/12] / neurčené - Du, Q. Z., Sun, R. Y., Zhang, Q. Numerical simulation of three-component elastic wavefield in 2D TTI media in the condition of the combined boundary In: Shiyou Diqiu Wuli Kantan/Oil Geophysical Prospecting, 2011, Roč. 46, č. 2. - SCO, 187 - 195

2011 [1/12] / USA - Kravtsov, A. V., Kuznetsov, S. V., Sekerzh-Zenkovich, S. Y. Finite element models in Lamb's problem [elektronický dokument] In: Mechanics of Solids. New York: Pleiades Publishing, 2011, Roč. 46, č. 6, [tlačaná forma] [online]. ISSN 0025-6544. ISSN (online) 1934-7936. - SCIE ; SCO ; WOS CC, 952 - 959

2011 [1/12] / USA - Li, X., Li, Y., Zhang, M., Zhu, T. Scalar seismic-wave equation modeling by a multisymplectic discrete singular convolution differentiator method [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2011, Roč. 101, č. 4, [tlačaná forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1710 - 1718

2011 [1/12] / neurčené - Muthukkumaran, K., Subha, I. P. Effect of earthquake induced lateral soil movement on pile behavior In: International Journal of Geotechnical Earthquake Engineering, 2011, Roč. 2, č. 2. - ESCI ; SCO ; WOS CC, 71 - 90

2011 [1/12] / USA - Orescanin, M., Wang, Y., Insana, M. F. 3-D FDTD simulation of shear waves for evaluation of complex modulus imaging [elektronický dokument] In: IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control. [s.l.]: Institute of Electrical and Electronics Engineers, 2011, Roč. 58, č. 2, [tlačaná forma] [online]. ISSN 0885-3010. ISSN (online) 1525-8955. - SCIE ; SCO ; WOS CC, 389 - 398

2012 [1/12] / GBR - Li, X., Wang, W., Lu, M., Zhang, M., Li, Y. Structure-preserving modelling of elastic waves: A symplectic discrete singular convolution differentiator method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2012, Roč. 188, č. 3, [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1382 - 1392

2012 [1/12] / USA - Pei, Z., Fu, L. Y., Sun, W., Jiang, T., Zhou, B. Anisotropic finite-difference algorithm for modeling elastic wave propagation in fractured coalbeds [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2012, Roč. 77, č. 1, 13- [tlačaná forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2012 [1/12] / USA - Pinton, G., Aubry, J. F., Bossy, E., Muller, M., Pernot, M., Tanter, M. Attenuation, scattering, and absorption of ultrasound in the skull bone [elektronický dokument] In: Medical Physics. Hoboken: John Wiley & Sons. Wiley-Blackwell, 2012, Roč. 39, č. 1, [tlačaná forma] [online]. ISSN 0094-2405. ISSN (online) 1522-8541. ISSN (online) 2473-4209. - SCIE ; SCO ; WOS CC, 299 - 307

2012 [1/12] / USA - Ugurhan, B., Askan, A., Akinci, A., Malagnini, L. Strong-ground-motion simulation of the 6 April 2009 L'Aquila, Italy, earthquake [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2012, Roč. 102, č. 4, [tlačaná forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1429 - 1445

2013 [1/12] / GBR - Fichtner, A., Trampert, J., Cupillard, P., Saygin, E., Taymaz, T., Capdeville, Y., Villasenor, A. Multiscale full waveform inversion [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2013, Roč. 194, č. 1, [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 534 - 556

2013 [1/12] / NLD - JafarGandomi, A., Takenaka, H. FDTD3C-A FORTRAN program to model multi-component seismic waves for vertically heterogeneous attenuative media [elektronický dokument] In: Computers & Geosciences. Amsterdam: Elsevier, 2013, Roč. 51, [tlačaná forma] [online]. ISSN 0098-3004. ISSN (online) 1873-7803. - SCIE ; SCO ; WOS CC, 314 - 323

2013 [1/12] / NLD - Kham, M., Semblat, J. F., Bouden-Romdhane, N. Amplification of seismic ground motion in the tunis basin: Numerical BEM simulations vs experimental evidences [elektronický dokument] In: Engineering Geology: An International Journal. Amsterdam: Elsevier, 2013, Roč. 155, [tlačaná forma] [online]. ISSN 0013-7952. ISSN (online) 1872-6917. - SCIE ; SCO ; WOS CC, 80 - 86

2013 [1/12] / neurčené - Kostin, V., Lisitsa, V., Reshetova, G., Tcheverda, V., Vishnevsky, D. A hybrid parallel algorithm for simulating seismic wave propagation in complex 3D models containing intrusions In: Simulation Series, 2013, Roč. 45, č. 6. - CPCI-S ; SCO ; WOS CC, 50 - 57

2013 [1/12] / USA - Suzuki, Y., Shiina, T., Kawahara, J., Okamoto, T., Miyashita, K. Simulations of P-SV wave scattering due to cracks by the 2-D finite difference method [elektronický dokument] In: Earth, Planets and Space. New York: Springer Nature, 2013, Roč. 65, č. 12, [tlačaná forma] [online]. ISSN

1343-8832. ISSN (online) 1880-5981. - SCIE ; SCO ; WOS CC, 1425 - 1439

2013 [1/12] / HRV - Narayan, J. P., Kumar, V. A fourth-order accurate finite-difference program for the simulation of SH-wave propagation in heterogeneous viscoelastic medium [elektronický dokument] In: Geofizika. Zagreb: Geofizički zavod, 2013, Roč. 30, č. 2, [tlačena forma] [online]. ISSN 0352-3659. ISSN (online) 1846-6346. - SCIE ; SCO ; WOS CC, 173 - 189

2014 [1/12] / DEU - Narayan, J. P., Sahar, D. Three-dimensional viscoelastic finite-difference code and modelling of basement focusing effects on ground motion characteristics [elektronický dokument] In: Computational Geosciences: Modeling, Simulation and Data Analysis. Berlin: Springer Nature. Springer International Publishing AG, 2014, Roč. 18, č. 6, [tlačena forma] [online]. ISSN 1420-0597. ISSN (online) 1573-1499. - SCIE ; SCO ; WOS CC, 1023 - 1047

2014 [1/12] / POL - Shiuly, A., Kumar, V., Narayan, J. P. Computation of ground motion amplification in Kolkata megacity (India) using finite-difference method for seismic microzonation [elektronický dokument] In: Acta Geophysica. Varšava: Springer Nature. Springer International Publishing AG, 2014, Roč. 62, č. 3, [tlačena forma] [online]. ISSN 1895-6572. ISSN (online) 1895-7455. - SCIE ; SCO ; WOS CC, 425 - 450

2014 [1/12] / GBR - van Driel, M., Nissen-Meyer, T. Optimized viscoelastic wave propagation for weakly dissipative media [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2014, Roč. 199, č. 2, [tlačena forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1078 - 1093

2015 [1/12] / USA - Sun, W., Zhou, B., Fu, L. Y. A staggered-grid convolutional differentiator for elastic wave modelling [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2015, Roč. 301, [tlačena forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 59 - 76

2016 [1/12] / GBR - Afanasiev, M., Peter, D., Sager, K., Simute, S., Ermert, L., Krischer, L., Fichtner, A. Foundations for a multiscale collaborative global Earth model [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 204, č. 1, [tlačena forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 39 - 58

2016 [1/12] / GBR - Asano, K., Sekiguchi, H., Iwata, T., Yoshimi, M., Hayashida, T., Saomoto, H., Horikawa, H. Modelling of wave propagation and attenuation in the Osaka sedimentary basin, western Japan, during the 2013 Awaji Island earthquake [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 204, č. 3, [tlačena forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1678 - 1694

2016 [1/12] / NLD - Gokhberg, A., Fichtner, A. Full-waveform inversion on heterogeneous HPC systems [elektronický dokument] In: Computers & Geosciences. Amsterdam: Elsevier, 2016, Roč. 89, [tlačena forma] [online]. ISSN 0098-3004. ISSN (online) 1873-7803. - SCIE ; SCO ; WOS CC, 260 - 268

2016 [1/12] / USA - Yang, G., Chen, Y., Song, G., Yang, Y., Luo, C., Jin, J., Li, S. An NAD scheme with wavenumber error optimized for 2D scalar wave equation [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2016, Roč. 106, č. 1, [tlačena forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 189 - 203

2017 [1/12] / neurčené - Igel, H. Computational Seismology: A Practical Introduction. BKCI-S Book Citation Index - Science N/A In: Computational Seismology: A Practical Introduction. New York: Oxford Univ Press, 2017. - WOS CC, 1 - 323

2014 [1/12] / neurčené - Bizzarri, A. The mechanics of seismic faulting: Recent advances and open issues In: Rivista del Nuovo Cimento, 2014, Roč. 37, č. 4. - SCIE ; SCO ; WOS CC, 181 - 271

2014 [1/12] / GBR - Tan, S., Huang, L. An efficient finite-difference method with high-order accuracy in both time and space domains for modelling scalar-wave propagation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2014, Roč. 197, č. 2, [tlačena forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1250 - 1267

2016 [1/12] / USA - Sun, Y. C., Zhang, W., Chen, X. Seismic-wave modeling in the presence of surface topography in 2D general anisotropic media by a curvilinear grid finite-difference method [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of

America, 2016, Roč. 106, č. 3, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1036 - 1054

2014 [1/12] / USA - Almuheidib, A. M., Toksoez, M. N. Numerical modeling of elastic-wave scattering by near-surface heterogeneities [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2014, Roč. 79, č. 4, 199- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC

2014 [1/12] / USA - De la Puente, J., Ferrer, M., Hanzich, M., Castillo, J. E., Cela, J. M. Mimetic seismic wave modeling including topography on deformed staggered grids [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2014, Roč. 79, č. 3, 125- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2014 [1/12] / GBR - Liu, Y. Optimal staggered-grid finite-difference schemes based on least-squares for wave equation modelling [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2014, Roč. 197, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1033 - 1047

2015 [1/12] / NLD - Ducellier, A., Aochi, H. Importance of crustal structure and anelastic attenuation for estimating ground motion parameters by finite difference simulation [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2015, Roč. 13, č. 7, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 1893 - 1911

2017 [1/12] / USA - Zhang, Y. – Ping, P. – Zhang, S.X. Finite-difference modeling of surface waves in poroelastic media and stress mirror conditions [elektronický dokument] In: Applied Geophysics. New York: Springer Nature, 2017, Roč. 14, č. 1, [tlačená forma] [online]. ISSN 16727975. ISSN (online) 19930658. - SCIE ; SCO ; WOS CC, 105 - 114

2018 [1/12] / NLD - Cao, J. – Chen, J.B. – Dai, M.X. An adaptive free-surface expression for three-dimensional finite-difference frequency-domain modelling of elastic wave [elektronický dokument] In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2018, Roč. 66, č. 4, [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCIE ; SCO ; WOS CC, 707 - 725

2018 [1/12] / USA - Cao, J. – Chen, J.B. A parameter-modified method for implementing surface topography in elastic-wave finite-difference modeling [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2018, Roč. 83, č. 6, 313- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2018 [1/12] / NLD - Yuan, S.C. – Song, X.H. – Cai, W. – Hu, Y. Analysis of attenuation and dispersion of Rayleigh waves in viscoelastic media by finite-difference modeling [elektronický dokument]. DOI 10.1016/j.jappgeo.2017.11.010 In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2018, Roč. 148, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, 115 - 126

2019 [1/12] / USA - Cao, J. – Chen, J.B. Optimizing the finite-difference implementation of three-dimensional free-surface boundary in frequency-domain modeling of elastic waves [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2019, Roč. 84, č. 6, 363- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2014 [1/12] / USA - Narayan, J. P., Kumar, R. Spatial spectral amplification of basin-transduced Rayleigh waves [elektronický dokument] In: Natural Hazards. New York: Springer Nature. Springer, 2014, Roč. 71, č. 1, [tlačená forma] [online]. ISSN 0921-030X. ISSN (online) 1573-0840. - SCIE ; SCO ; WOS CC, 751 - 765

2014 [1/12] / POL - Narayan, J. P., Kumar, V. Study of combined effects of sediment rheology and basement focusing in an unbounded viscoelastic medium using P-SV-wave finite-difference modelling [elektronický dokument] In: Acta Geophysica. Varšava: Springer Nature. Springer International Publishing AG, 2014, Roč. 62, č. 6, [tlačená forma] [online]. ISSN 1895-6572. ISSN (online) 1895-7455. - SCIE ; SCO ; WOS CC, 1214 - 1245

2015 [1/12] / NLD - Kamal, Narayan, J. P. 3D basin-shape ratio effects on frequency content and spectral amplitudes of basin-generated surface waves and associated spatial ground motion amplification and differential ground motion [elektronický dokument] In: Journal of Seismology. Dordrecht: Springer Nature, 2015, Roč. 19, č. 2, [tlačená forma] [online]. ISSN 1383-4649. ISSN (online) 1573-157X. - SCIE ; SCO ; WOS CC, 293 - 316

2015 [1/12] / POL - Narayan, J. P., Arafat, M. Y., Kamal. A Numerical Study of Effects of Valley-Weathering and Valley-Shape-Ratio on the Ground Motion Characteristics [elektronický dokument] In: Acta Geophysica. Varšava: Springer Nature. Springer International Publishing AG, 2015, Roč. 63, č. 1, [tlačená forma] [online]. ISSN 1895-6572. ISSN (online) 1895-7455. - SCIE ; SCO ; WOS CC, 154 - 175

2015 [1/12] / NLD - Narayan, J. P., Kumar, V. A numerical study of effects of ridge-weathering and ridge-shape-ratio on the ground motion characteristics [elektronický dokument] In: Journal of Seismology. Dordrecht: Springer Nature, 2015, Roč. 19, č. 1, [tlačená forma] [online]. ISSN 1383-4649. ISSN (online) 1573-157X. - SCIE ; SCO ; WOS CC, 83 - 104

2015 [1/12] / HRV - Narayan, J. P., Kamal. Quantification of effects of geometry of sediment bedrock interface on ground motion in 3D basin with circular free surface [elektronický dokument] In: Geofizika. Zagreb: Geofizički zavod, 2015, Roč. 32, č. 1, [tlačená forma] [online]. ISSN 0352-3659. ISSN (online) 1846-6346. - SCIE ; SCO ; WOS CC, 1 - 25

2015 [1/12] / USA - Sahar, D., Narayan, J. P., Kumar, N. Study of role of basin shape in the site-city interaction effects on the ground motion characteristics [elektronický dokument] In: Natural Hazards. New York: Springer Nature. Springer, 2015, Roč. 75, č. 2, [tlačená forma] [online]. ISSN 0921-030X. ISSN (online) 1573-0840. - SCIE ; SCO ; WOS CC, 1167 - 1186

2016 [1/12] / USA - Chen, H., Zhou, H., Zhang, Q., Xia, M., Li, Q. A k-space operator-based least-squares staggered-grid finite-difference method for modeling scalar wave propagation [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2016, Roč. 81, č. 2, 45- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2016 [1/12] / USA - Sahar, D., Narayan, J. P. Quantification of modification of ground motion due to urbanization in a 3D basin using viscoelastic finite-difference modelling [elektronický dokument] In: Natural Hazards. New York: Springer Nature. Springer, 2016, Roč. 81, č. 2, [tlačená forma] [online]. ISSN 0921-030X. ISSN (online) 1573-0840. - SCIE ; SCO ; WOS CC, 779 - 806

2018 [1/12] / USA - Narayan, J.P. – Kamal. A scenario of ground shaking hazard in intracratonic circular basins developed by basin-generated surface waves: an earthquake engineering perspective [elektronický dokument] In: Natural Hazards. New York: Springer Nature. Springer, 2018, Roč. 92, č. 3, [tlačená forma] [online]. ISSN 0921-030X. ISSN (online) 1573-0840. - SCIE ; SCO ; WOS CC, 1841 - 1857

2018 [1/12] / neurčené - Narayan, J.P. – Kumar, A. Quantification of Effects of Ridge and Valley Topography on the Rayleigh Wave Characteristics In: Journal of Earthquake and Tsunami, 2018, Roč. 12, č. 3. - SCIE ; SCO ; WOS CC, Art. No. 1850007

2018 [1/12] / GBR - Yuan, S.C. – Song, X.H. – Zhang, X.Q. – Zhao, S.T. – Zhao, P.Q., Cai, W. – Yu, D.K. Finite-difference modeling and characteristics analysis of Rayleigh waves in anisotropic-viscoelastic media [elektronický dokument]. DOI 10.1016/j.soildyn.2018.02.004 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2018, Roč. 108, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 46 - 57

2019 [1/12] / CHE - Kumar, N. – Narayan, J.P. Quantification of Fundamental Frequencies of 3D Basins and Structures and Site-City Interaction Effects on Responses of Structures [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2019, Roč. 176, č. 10, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 4477 - 4502

2019 [1/12] / USA - Kumar, N. – Narayan, J.P. Effects of site-city interaction and polarization of the incident S-wave on the transfer function and fundamental frequency of structures [elektronický dokument] In: Natural Hazards. New York: Springer Nature. Springer, 2019, Roč. 97, č. 2, [tlačená forma] [online]. ISSN 0921-030X. ISSN (online) 1573-0840. - SCIE ; SCO ; WOS CC, 747 - 774

2014 [1/12] / GBR - Fichtner, A., van Driel, M. Models and Frechet kernels for frequency-(in)dependent Q [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2014, Roč. 198, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1878 - 1889

2017 [1/12] / GBR - Oral, E. – Gelis, C. – Bonilla, L.F. – Delavaud, E. Spectral element modelling of seismic wave propagation in visco-elastoplastic media including excess-pore pressure development [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 211, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1494 - 1508

2013 [1/12] / GBR - Long, G., Zhao, Y., Zou, J. A temporal fourth-order scheme for the first-order acoustic wave equations [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2013, Roč. 194, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1473 - 1485

2014 [1/12] / neurčené - Shao, Y., An, M., Wang, S. Two-dimensional method for unconditionally stable elastic wave simulations In: Journal of the Acoustical Society of America, 2014, Roč. 136, č. 4. - SCIE ; SCO ; WOS CC, 1682 - 1691

2016 [1/12] / USA - Lisitsa, V., Tcheverda, V., Botter, C. Combination of the discontinuous Galerkin method with finite differences for simulation of seismic wave propagation [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2016, Roč. 311, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 142 - 157

2017 [1/12] / GBR - Yong, P., Huang, J., Li, Z., Liao, W., Qu, L., Li, Q., Liu, P. Optimized equivalent staggered-grid FD method for elastic wave modelling based on plane wave solutions [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 208, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 1157 - 1172

2017 [1/12] / GBR - Feng, H.K. – Zhang, W. – Zhang, J. – Chen, X.F. Importance of double-pole CFS-PML for broad-band seismic wave simulation and optimal parameters selection [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 209, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 1148 - 1167

2014 [1/12] / USA - Vishnevsky, D., Lisitsa, V., Tcheverda, V., Reshetova, G. Numerical study of the interface errors of finite-difference simulations of seismic waves [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2014, Roč. 79, č. 4, 219- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2015 [1/12] / NLD - Di Bartolo, L., Dors, C., Mansur, W. J. Theory of equivalent staggered-grid schemes: application to rotated and standard grids in anisotropic media [elektronický dokument] In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2015, Roč. 63, č. 5, [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCIE ; SCO ; WOS CC, 1097 - 1125

2015 [1/12] / USA - Kostin, V., Lisitsa, V., Reshetova, G., Tcheverda, V. Local time-space mesh refinement for simulation of elastic wave propagation in multi-scale media [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2015, Roč. 281, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 669 - 689

2016 [1/12] / NLD - Lisitsa, V. Dispersion analysis of discontinuous Galerkin method on triangular mesh for elastic wave equation [elektronický dokument] In: Applied Mathematical Modelling: simulation & computation for engineering & environmental systems. Amsterdam: Elsevier, 2016, Roč. 40, č. 7-8, [tlačená forma] [online]. ISSN 0307-904X. ISSN (online) 1872-8480. - SCIE ; WOS CC, 5077 - 5095

2019 [1/12] / neurčené - Anquez, P. – Pellerin, J. – Irakarama, M. – Cupillard, P. – Levy, B. – Caumon, G. Automatic correction and simplification of geological maps and cross-sections for numerical simulations In: Comptes Rendus Geoscience, 2019, Roč. 351, č. 1. - SCIE ; SCO ; WOS CC, 48 - 58

2017 [1/12] / GBR - Sun, Y.C. – Zhang, W. – Xu, J.K. – Chen, X.F. Numerical simulation of 2-D seismic

wave propagation in the presence of a topographic fluid-solid interface at the sea bottom by the curvilinear grid finite-difference method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 210, č. 3, [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1721 - 1738

2015 [1/12] / neurčené - Kostin, V., Lisitsa, V., Reshetova, G., Tcheverda, V., Vishnevsky, D. Massively parallel hybrid algorithm for simulation of seismic wave propagation in complex media In: CEUR Workshop Proceedings, 2015, Roč. 1482. - SCO, 49 - 60

2014 [1/12] / neurčené - Zhang, C., Li, X., Ma, X., Song, G. A Runge-Kutta method with using eighth-order nearly-analytic spatial discretization operator for solving a 2D acoustic wave equation In: Journal of Seismic Exploration, 2014, Roč. 23, č. 3. ISSN 09630651. - SCIE ; SCO ; WOS CC, 279 - 302

2016 [1/12] / neurčené - Zhang, C., Chen, L. A Fourth-Order Runge-Kutta Method with Eighth-Order Accuracy and Low Numerical Dispersion for Solving the Seismic Wave Equation In: Journal of Seismic Exploration, 2016, Roč. 25, č. 3. ISSN 09630651. - SCIE ; WOS CC, 229 - 255

2014 [1/12] / GBR - Masson, Y., Cupillard, P., Capdeville, Y., Romanowicz, B. On the numerical implementation of time-reversal mirrors for tomographic imaging [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2014, Roč. 196, č. 3, [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1580 - 1599

2015 [1/12] / USA - Kuznetsov, S. V., Terentjeva, E. O. Planar internal Lamb problem: Waves in the epicentral zone of a vertical power source [elektronický dokument] In: Acoustical Physics. New York: Pleiades Publishing, 2015, Roč. 61, č. 3. ISSN 1063-7710. ISSN (online) 1562-6865. - SCIE ; SCO ; WOS CC, 356 - 367

2013 [1/12] / neurčené - Moto, M. S., Glinsky, N., Lanteri, S., Delcourte, S. A fourth order discontinuous Galerkin scheme for the elastodynamic equations [elektronický dokument] In: Global Journal of Pure and Applied Mathematics, 2013, Roč. 9, č. 3, [tlačaná forma]. ISSN 0973-1768. ISSN (online) 0973-9750. - SCO, 307 - 316

2013 [1/12] / neurčené - Mu, D., Chen, P., Wang, L. Accelerating the discontinuous Galerkin method for seismic wave propagation simulations using multiple GPUs with CUDA and MPI [elektronický dokument] In: Earthquake Science, 2013, Roč. 26, č. 6. ISSN 16744519. ISSN (online) 18678777. - ESCI ; SCO ; WOS CC, 377 - 393

2013 [1/12] / neurčené - Zhang, Z., Liu, Y. S., Xu, T., Bat, Z. M. A stable excitation amplitude imaging condition for reverse time migration in elastic wave equation In: Chinese Journal of Geophysics-Chinese Edition, 2013, Roč. 56, č. 10. - SCIE ; SCO ; WOS CC, 3523 - 3533

2014 [1/12] / neurčené - Bizzarri, A. On the point-source approximation of earthquake dynamics In: Annals of Geophysics, 2014, Roč. 57, č. 3. - SCIE ; SCO ; WOS CC, Art. No. S0325

2014 [1/12] / neurčené - Daley, T. M., Hendrickson, J., Queen, J. H. Monitoring CO2 Storage at cranfield, mississippi with time-lapse offset VSP - Using integration and modeling to reduce uncertainty In: 12th International Conference on Greenhouse Gas Control Technologies : Energy Procedia. Amsterdam: Elsevier, 2014. - CPCI-S ; SCO ; WOS CC, 4240 - 4248

2014 [1/12] / USA - Du, Q. Z., Zhang, M. Q., Chen, X. R., Gong, X. F., Guo, C. F. True-amplitude wavefield separation using staggered-grid interpolation in the wavenumber domain [elektronický dokument] In: Applied Geophysics. New York: Springer Nature, 2014, Roč. 11, č. 4, [tlačaná forma] [online]. ISSN 16727975. ISSN (online) 19930658. - SCIE ; SCO ; WOS CC, 437 - 446

2014 [1/12] / USA - Fang, G., Fomel, S., Du, Q., Hu, J. Lowrank seismic-wave extrapolation on a staggered grid [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2014, Roč. 79, č. 3, 157- [tlačaná forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2014 [1/12] / neurčené - Fu, L. Y., Zhang, Y., Pei, Z., Wei, W., Zhang, L. Poroelastic finite-difference modeling for ultrasonic waves in digital porous cores [elektronický dokument] In: Earthquake Science, 2014, Roč. 27, č. 3. ISSN 16744519. ISSN (online) 18678777. - ESCI ; SCO ; WOS CC, 285 - 299

2014 [1/12] / USA - Ma, X., Yang, D., Song, G., Wang, M. A low-dispersive symplectic partitioned runge-kutta method for solving seismic-wave equations: 1. scheme and theoretical analysis [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2014, Roč. 104, č. 5, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2206 - 2225

2014 [1/12] / neurčené - Mitsuhashi, K., Schoonover, R. W., Huang, C., Wang, L. V., Anastasio, M. A. Investigation of effective system designs for transcranial photoacoustic tomography of the brain In: Photons plus Ultrasound: Imaging and Sensing 2014 : Proceedings of SPIE. Bellingham: Spie-Int Soc Optical Engineering, 2014. - CPCI-S ; SCO ; WOS CC, Art. No. 894369

2014 [1/12] / neurčené - Rawlinson, N., Fichtner, A., Sambridge, M., Young, M. K. Seismic tomography and the assessment of uncertainty In: Advances in Geophysics, Vol 55 : Advances in Geophysics, 2014, Roč. 55. - SCIE ; SCO ; WOS CC, 1 - 76

2014 [1/12] / USA - Restrepo, D., Bielak, J. Virtual topography: A fictitious domain approach for analyzing free-surface irregularities in large-scale earthquake ground motion simulation [elektronický dokument] In: International Journal for Numerical Methods in Engineering. [s.l.]: John Wiley & Sons, 2014, Roč. 100, č. 7, [tlačená forma] [online]. ISSN 0029-5981. ISSN (online) 1097-0207. - SCIE ; SCO ; WOS CC, 504 - 533

2014 [1/12] / GBR - Zhang, S., Yang, F., Xu, D., Wang, Y. Seismic wave simulation by velocity-stress wave equations in two-phase anisotropic media [elektronický dokument] In: Journal of Geophysics and Engineering. Oxford: Oxford University Press, 2014, Roč. 11, č. 1, [tlačená forma] [online]. ISSN 1742-2132. ISSN (online) 1742-2140. - SCIE ; SCO ; WOS CC, Art. No. 015008

2015 [1/12] / neurčené - Chen, P., Lee, E. J. Full-3d Seismic Waveform Inversion: Theory, Software and Practice : Springer Geophysics [textový dokument (print)] . Berlin: Springer, 2015. 1 vyd. - BKCI-S ; SCO ; WOS CC

2015 [1/12] / USA - Kuznetsov, S. V., Terent'eva, E. O. Wave Fields and Domination Regions for the Interior Lamb Problem [elektronický dokument] In: Mechanics of Solids. New York: Pleiades Publishing, 2015, Roč. 50, č. 5, [tlačená forma] [online]. ISSN 0025-6544. ISSN (online) 1934-7936. - SCIE ; SCO ; WOS CC, 508 - 520

2015 [1/12] / neurčené - Mitsuhashi, K., Wang, L. V., Anastasio, M. A. Image reconstruction in transcranial photoacoustic computed tomography of the brain In: Photons plus Ultrasound : Proceedings of SPIE. Bellingham: The International Society for Optics and Photonics, 2015. - CPCI-S ; SCO ; WOS CC, Art. No. 93233B

2015 [1/12] / neurčené - Tong, V. C. H., Garcia, R. A. Extraterrestrial Seismology [textový dokument (print)] . Cambridge: University Press, 2015. 1 vyd. - SCO

2015 [1/12] / neurčené - Zhang, C., Chen, L. A Symplectic Partitioned Runge-Kutta Method Using the Eighth-Order Nab Operator for Solving the 2d Elastic Wave Equation In: Journal of Seismic Exploration, 2015, Roč. 24, č. 3. ISSN 09630651. - SCIE ; SCO ; WOS CC, 205 - 230

2016 [1/12] / NLD - Almuheidib, A. M., Toksoz, M. N. Suppression of near-surface scattered body-to-surface waves: a steerable and nonlinear filtering approach [elektronický dokument] In: Geophysical Prospecting. Delft: The European Association of Geoscientists and Engineers (EAGE), 2016, Roč. 64, č. 2, [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCIE ; SCO ; WOS CC, 392 - 405

2016 [1/12] / neurčené - Harding, A. J., Arnulf, A. F., Blackman, D. K. Velocity structure near IODP Hole U1309D, Atlantis Massif, from waveform inversion of streamer data and borehole measurements In: Geochemistry Geophysics Geosystems, 2016, Roč. 17, č. 6. - SCIE ; SCO ; WOS CC, 1990 - 2014

2016 [1/12] / USA - Meza-Fajardo, K. C., Semblat, J. F., Chaillat, S., Lenti, L. Seismic-Wave Amplification in 3D Alluvial Basins: 3D/1D Amplification Ratios from Fast Multipole BEM Simulations [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2016, Roč. 106, č. 3, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; WOS CC, 1267 - 1281

2017 [1/12] / neurčené - Bazaikin, Y. – Gurevich, B. – Iglauder, S. – Khachkova, T. – Kolyukhkin, D. – Lebedev, M. – Lisitsa, V. – Reshetova, G. Effect of CT image size and resolution on the accuracy of rock property estimates In: Journal of Geophysical Research-Solid Earth, 2017, Roč. 122, č. 5. - SCIE ; SCO ; WOS CC, 3635 - 3647

2017 [1/12] / GBR - Bazayr, M.H. – Song, C.M. Analysis of transient wave scattering and its applications to site response analysis using the scaled boundary finite-element method [elektronický dokument]. DOI 10.1016/j.soildyn.2017.04.010 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2017, Roč. 98, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 191 - 205

2017 [1/12] / NLD - Benito, J.J. – Urena, F. – Gavete, L. – Salete, E. – Urena, M. Implementations with generalized finite differences of the displacements and velocity-stress formulations of seismic wave propagation problem [elektronický dokument]. DOI 10.1016/j.apm.2017.07.017 In: Applied Mathematical Modelling: simulation & computation for engineering & environmental systems. Amsterdam: Elsevier, 2017, Roč. 52, [tlačená forma] [online]. ISSN 0307-904X. ISSN (online) 1872-8480. - SCIE ; SCO ; WOS CC, 1 - 14

2017 [1/12] / neurčené - Breuer, A. – Heinecke, A. – Cui, Y.F. EDGE: Extreme Scale Fused Seismic Simulations with the Discontinuous Galerkin Method In: High Performance Computing (ISC High Performance 2017), LNCS Vol. 10266. Cham: Springer, 2017. - CPCI-S ; SCO ; WOS CC, 41 - 60

2017 [1/12] / neurčené - Favorskaya, A. – Petrov, I. – Golubev, V. – Khokhlov, N. Numerical simulation of earthquakes impact on facilities by grid characteristic method In: Knowledge-Based and Intelligent Information and Engineering Systems, PCS Vol. 112. Amsterdam: Elsevier, 2017. - CPCI-S ; SCO ; WOS CC, 1206 - 1215

2017 [1/12] / neurčené - Favorskaya, A. – Petrov, I. – Grinevskiy, A. Numerical simulation of fracturing in geological medium In: Knowledge-Based and Intelligent Information and Engineering Systems, PCS Vol. 112. Amsterdam: Elsevier, 2017. - CPCI-S ; SCO ; WOS CC, 1216 - 1224

2017 [1/12] / GBR - Fichtner, A., Stehly, L., Ermert, L., Boehm, C. Generalized interferometry - I: theory for interstation correlations [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 208, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 603 - 638

2017 [1/12] / USA - Gajendran, H. – Hall, R.B. – Masud, A. Edge stabilization and consistent tying of constituents at Neumann boundaries in multi-constituent mixture models [elektronický dokument] In: International Journal for Numerical Methods in Engineering. [s.l.]: John Wiley & Sons, 2017, Roč. 110, č. 12, [tlačená forma] [online]. ISSN 0029-5981. ISSN (online) 1097-0207. - SCIE ; WOS CC, 1142 - 1172

2017 [1/12] / USA - Gravenkamp, H., Saputra, A. A., Song, C., Birk, C. Efficient wave propagation simulation on quadtree meshes using SBFEM with reduced modal basis [elektronický dokument] In: International Journal for Numerical Methods in Engineering. [s.l.]: John Wiley & Sons, 2017, Roč. 110, č. 12, [tlačená forma] [online]. ISSN 0029-5981. ISSN (online) 1097-0207. - SCO, 1119 - 1141

2017 [1/12] / neurčené - Kolyukhin, D.R. – Lisitsa, V.V. – Protasov, M.I. – Qu, D.F. – Reshetova, G.V. – Tveranger, J. – Tcheverda, V.A. – Vishnevsky, D.M. Seismic imaging and statistical analysis of fault facies models In: Interpretation-A Journal of Subsurface Characterization, 2017, Roč. 5, č. 4. - SCIE ; SCO ; WOS CC

2017 [1/12] / neurčené - Kostin, V. – Lisitsa, V. – Reshetova, G. – Tcheverda, V. Parallel Algorithm with Modulus Structure for Simulation of Seismic Wave Propagation in 3D Multiscale Multiphysics Media In: Parallel Computing Technologies (PACT 2017), LNICS Vol. 10421. Cham: Springer, 2017. - CPCI-S ; SCO ; WOS CC, 42 - 57

2017 [1/12] / USA - Li, B. – Liu, Y. – Sen, M.K. – Ren, Z.M. Time-space-domain mesh-free finite difference based on least squares for 2D acoustic-wave modeling [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2017, Roč. 82, č. 4, 143- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2017 [1/12] / GBR - Li, J.S. – Yang, D.H. – Wu, H. – Ma, X. A low-dispersive method using the high-order stereo-modelling operator for solving 2-D wave equations [elektronický dokument] In: Geophysical

Journal International. Oxford: Oxford University Press, 2017, Roč. 210, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1938 - 1964

2017 [1/12] / GBR - Ma, X. – Yang, D.H. A phase-preserving and low-dispersive symplectic partitioned Runge-Kutta method for solving seismic wave equations [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 209, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 1534 - 1557

2017 [1/12] / neurčené - Maeda, T. – Takemura, S. – Furumura, T. OpenSWPC: an open-source integrated parallel simulation code for modeling seismic wave propagation in 3D heterogeneous viscoelastic media. DOI 10.1186/s40623-017-0687-2 In: Earth Planets and Space, 2017, Roč. 69. - SCIE ; SCO ; WOS CC, Art. No. 102

2017 [1/12] / USA - Mittet, R. On the internal interfaces in finite-difference schemes [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2017, Roč. 82, č. 4, 159- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2017 [1/12] / NLD - Papadopoulos, I., Papazachos, C., Savvaidis, A., Theodoulidis, N., Vallianatos, F. Seismic microzonation of the broader Chania basin area (Southern Greece) from the joint evaluation of ambient noise and earthquake recordings [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2017, Roč. 15, č. 3, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 861 - 888

2017 [1/12] / RUS - Petrov, I.B. – Favorskaya, A.V. – Khokhlov, N.I. Grid-characteristic method on embedded hierarchical grids and its application in the study of seismic waves [elektronický dokument] In: Computational Mathematics and Mathematical Physics. Moskva: Pleiades Publishing, 2017, Roč. 57, č. 11, [tlačená forma] [online]. ISSN 09655425. ISSN (online) 15556662. - SCIE ; SCO ; WOS CC, 1771 - 1777

2017 [1/12] / GBR - Pichardo, S. – Moreno/Hernandez, C. – Drainville, R.A. – Sin, V. – Curiel, L. – Hynynen, K. A viscoelastic model for the prediction of transcranial ultrasound propagation: application for the estimation of shear acoustic properties in the human skull [elektronický dokument] In: Physics in medicine and biology. Bristol : Institute of Physics. IOP Publishing, 2017, Roč. 62, č. 17, [tlačená forma] [online]. ISSN 0031-9155. ISSN (online) 1361-6560. - SCIE ; SCO ; WOS CC, 6938 - 6962

2017 [1/12] / USA - Ren, Z.M. – Li, Z.C. – Liu, Y. – Sen, M.K. Modeling of the Acoustic Wave Equation by Staggered-Grid Finite-Difference Schemes with High-Order Temporal and Spatial Accuracy [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2017, Roč. 107, č. 5, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2160 - 2182

2017 [1/12] / USA - Ren, Z.M. – Li, Z.C. Temporal high-order staggered-grid finite-difference schemes for elastic wave propagation [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2017, Roč. 82, č. 5, 207- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2017 [1/12] / CZE - Yan, H.Y. – Yang, L. Seismic modeling with an optimal staggered-grid finite-difference scheme based on combining Taylor-series expansion and minimax approximation [elektronický dokument] In: Studia Geophysica et Geodaetica: a journal of geophysics, meteorology and climatology, geodesy. Praha: Akademie věd České republiky. Geofyzikální ústav AV ČR, 2017, Roč. 61, č. 3, [tlačená forma] [online]. ISSN 0039-3169. ISSN (online) 1573-1626. - SCIE ; SCO ; WOS CC, 560 - 574

2018 [1/12] / NLD - Benito, J.J. – Urena, F. – Urena, M. – Salete, E. – Gavete, L. A new meshless approach to deal with interfaces in seismic problems [elektronický dokument]. DOI 10.1016/j.apm.2018.02.014 In: Applied Mathematical Modelling: simulation & computation for engineering & environmental systems. Amsterdam: Elsevier, 2018, Roč. 58, [tlačená forma] [online]. ISSN 0307-904X. ISSN (online) 1872-8480. - SCIE ; SCO ; WOS CC, 447 - 458

2018 [1/12] / GBR - Hu, X.L. – Jia, X.F. High-order dynamic lattice method for seismic simulation in anisotropic media [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford

University Press, 2018, Roč. 212, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1868 - 1889

2018 [1/12] / USA - Kumari, N. – Gupta, I.D. – Sharma, M.L. Synthesizing Nonstationary Earthquake Ground Motion via Empirically Simulated Equivalent Group Velocity Dispersion Curves for Western Himalayan Region [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2018, Roč. 108, č. 6, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 3469 - 3487

2018 [1/12] / GBR - Ma, J. – Yang, D.H. – Tong, P. – Ma, X. TSOS and TSOS-FK hybrid methods for modelling the propagation of seismic waves [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2018, Roč. 214, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1665 - 1682

2018 [1/12] / USA - Ma, X. – Yang, D.H. – He, X.J. – Li, J.S. – Zheng, Y.C. A new high-order scheme based on numerical dispersion analysis of the wave phase velocity for semidiscrete wave equations [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2018, Roč. 83, č. 3, 123- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2018 [1/12] / neurčené - Novikov, M. – Lisitsa, V. From Percolation of Fractured Media to Seismic Attenuation: A Numerical Study In: IRF2018: Proceedings of the 6th International Conference on Integrity-Reliability-Failure. Porto: INEGI, 2018. - CPCI-S ; WOS CC, 181 - 188

2018 [1/12] / USA - Raghucharan, M.C. – Somala, S. N. Stochastic Extended Simulation (EXSIM) of M-w 7.0 Kumamoto-Shi earthquake on 15 April 2016 in the Southwest of Japan using the SCEC Broadband Platform (BBP) [elektronický dokument] In: AIMS geosciences. Springfield: AIMS Press, 2018, Roč. 4, č. 2, [online]. ISSN (online) 2471-2132. - SCIE ; WOS CC, 144 - 165

2018 [1/12] / NLD - Shi, P.D. – Angus, D. – Nowacki, A. – Yuan, S.Y. – Wang, Y.Y. Microseismic Full Waveform Modeling in Anisotropic Media with Moment Tensor Implementation [elektronický dokument] In: Surveys in Geophysics: an international review journal of geophysics and planetary sciences: an International Review Journal Covering the Entire Field of Geosciences and Related Areas. [Amsterdam]: Springer Nature, 2018, Roč. 39, č. 4, [tlačená forma] [online]. ISSN 0169-3298. ISSN (online) 1573-0956. - SCIE ; SCO ; WOS CC, 567 - 611

2018 [1/12] / USA - Tavelli, M. - Dumbser, M. Arbitrary high order accurate space-time discontinuous Galerkin finite element schemes on staggered unstructured meshes for linear elasticity [elektronický dokument]. DOI 10.1016/j.jcp.2018.03.038 In: Journal of Computational Physics. San Diego : American Academic Press, 2018, Roč. 366, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 386 - 414

2018 [1/12] / NLD - Tie, B. – Mournoval, A.S. – Nguyen, V.D. – Series, L. – Aubry, D. A unified variational framework for the space discontinuous Galerkin method for elastic wave propagation in anisotropic and piecewise homogeneous media [elektronický dokument]. DOI 10.1016/j.cma.2018.04.018 In: Computer Methods in Applied Mechanics and Engineering. Amsterdam: Elsevier, 2018, Roč. 338, [tlačená forma] [online]. ISSN 0045-7825. ISSN (online) 1879-2138. - SCIE ; SCO ; WOS CC, 299 - 332

2018 [1/12] / NLD - Tschoke, K. – Gravenkamp, H. On the numerical convergence and performance of different spatial discretization techniques for transient elastodynamic wave propagation problems [elektronický dokument]. DOI 10.1016/j.wavemoti.2018.07.002 In: Wave Motion. Amsterdam: Elsevier. Elsevier Science, 2018, Roč. 82, [tlačená forma] [online]. ISSN 0165-2125. ISSN (online) 1878-433X. - SCIE ; SCO ; WOS CC, 62 - 85

2018 [1/12] / USA - Urena, M. – Benito, J.J. – Urena, F. – Salete, E. – Gavete, L. Application of generalised finite differences method to reflection and transmission problems in seismic SH waves propagation [elektronický dokument] In: Mathematical Methods in the Applied Sciences. Hoboken: John Wiley & Sons, 2018, Roč. 41, č. 6, [tlačená forma] [online]. ISSN 0170-4214. ISSN (online) 1099-1476. - SCIE ; SCO ; WOS CC, 2328 - 2339

2018 [1/12] / GBR - Xu, S.G. – Liu, Y. 3D acoustic wave modeling with a time-space-domain temporal high-order finite-difference scheme [elektronický dokument] In: Journal of Geophysics and Engineering. Oxford: Oxford University Press, 2018, Roč. 15, č. 5, [tlačená forma] [online]. ISSN 1742-2132. ISSN

(online) 1742-2140. - SCIE ; SCO ; WOS CC, 1963 - 1976

2018 [1/12] / neurčené - Yaun, S.C – Song, X.H. – Zhang, X.Q. – Zhao, S.T. – Cai, W. – Hu, Y. Finite-difference modeling and characteristics analysis of Rayleigh waves in viscoelastic media In: Chinese Journal of Geophysics, 2018, Roč. 61, č. 4. - SCIE ; SCO ; WOS CC, 1496 - 1507

2018 [1/12] / NLD - Zou, P. – Cheng, J.B. Pseudo-spectral method using rotated staggered grid for elastic wave propagation in 3D arbitrary anisotropic media [elektronický dokument] In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2018, Roč. 66, č. 1, [tlačaná forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCIE ; SCO ; WOS CC, 47 - 61

2019 [1/12] / GBR - Afanasiev, M. – Boehm, C, van Driel, M. – Krischer, L. – Rietmann, M. – May, D.A. – Knepley, M.G. – Fichtner, A. Modular and flexible spectral-element waveform modelling in two and three dimensions [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 216, č. 3, [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1675 - 1692

2019 [1/12] / neurčené - Asano, K. – Iwata, T. Source rupture process of the 2018 Hokkaido Eastern Iburi earthquake deduced from strong-motion data considering seismic wave propagation in three-dimensional velocity structure In: Earth Planets and Space, 2019, Roč. 71, č. 1. - SCIE ; SCO ; WOS CC, Art. No. 101

2019 [1/12] / neurčené - Beckwith, C. – Pericleous, K. – Bojarevics, V. Optimised High-Order Compact Difference Schemes for Internal Acoustics Problems On Curvilinear Domains In: 17th Annual Anglo-French Physical Acoustics Conference (AFPAC), JPCS Vol. 1184, No. 1. Bristol: IOP, 2019. - CPCI-S ; SCO ; WOS CC, Art. No. UNSP

2019 [1/12] / NLD - Caspari, E. – Novikov, M. – Lisitsa, V. – Barbosa, N.D. – Quintal, B. – Rubino, J.G. – Holliger, K. Attenuation mechanisms in fractured fluid-saturated porous rocks: a numerical modelling study [elektronický dokument] In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2019, Roč. 67, č. 4, [tlačaná forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCIE ; CPCI-S ; SCO ; WOS CC, 935 - 955

2019 [1/12] / neurčené - Drainville, RA. – Curiel, L. – Pichardo, S. Superposition method for modelling boundaries between media in viscoelastic finite difference time domain simulations In: Journal of the Acoustical Society of America, 2019, Roč. 146, č. 6. - SCIE ; SCO ; WOS CC, 4382 - 4401

2019 [1/12] / neurčené - Frankforter, E. – Leckey, C. – Schneck, W. Comparison of Staggered Grid Finite Difference Schemes for Ultrasound Simulation in Curving Composites In: 45th Annual Review of Progress in Quantitative Nondestructive Evaluation Vol. 38. Melville: American Institute of Physics. AIP Publishing, 2019. - CPCI-S ; WOS CC, Art. No. UNSP

2019 [1/12] / neurčené - Klin, P. – Laurenzano, G. – Romano, M.A. – Priolo, E. – Martelli, L. ER3D: a structural and geophysical 3-D model of central Emilia-Romagna (northern Italy) for numerical simulation of earthquake ground motion [elektronický dokument] In: Solid Earth: an Interactive Open-access Journal of the European Geosciences Union, 2019, Roč. 10, č. 3, [tlačaná forma]. ISSN 1869-9510. ISSN (online) 1869-9529. - SCIE ; SCO ; WOS CC, 931 - 949

2019 [1/12] / GBR - Lisitsa, V. – Kolyukhkin, D. – Tcheverda, V. Statistical analysis of free-surface variability's impact on seismic wavefield [elektronický dokument]. DOI 10.1016/j.soildyn.2018.09.043 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2019, Roč. 116, [tlačaná forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 86 - 95

2019 [1/12] / GBR - Liu, X. – Greenhalgh, S. – Zhou, B. – Greenhalgh, M. Frequency-domain seismic wave modelling in heterogeneous porous media using the mixed-grid finite-difference method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 216, č. 1, [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 34 - 54

2019 [1/12] / NLD - Liu, X. – Liu, Y. – Ren, Z.M. – Li, B. Perfectly matched layer boundary conditions for frequency-domain acoustic wave simulation in the mesh-free discretization [elektronický dokument] In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers

(EAGE), 2019, Roč. 67, č. 7, [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCIE ; SCO ; WOS CC, 1732 - 1744

2019 [1/12] / USA - Ma, X. – Yang, D.H. – He, X.J. – Huang, X.Y. – Song, J.X. Nonsplit complex-frequency-shifted perfectly matched layer combined with symplectic methods for solving second-order seismic wave equations - Part 2: Wavefield simulations [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2019, Roč. 84, č. 3, 167- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2019 [1/12] / GBR - Ou, W.M. – Wang, Z.W. Simulation of Stoneley wave reflection from porous formation in borehole using FDTD method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 217, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 2081 - 2096

2019 [1/12] / USA - Plashkevich, A. – Vishnevskiy, D. – Lisitsa, V. Sixth-order accurate pseudo-spectral method for solving one-way wave equation [elektronický dokument]. DOI 10.1016/j.amc.2019.04.029 In: Applied Mathematics and Computation. Amsterdam: Elsevier, 2019, Roč. 359, [tlačená forma] [online]. ISSN 0096-3003. ISSN (online) 1873-5649. - SCIE ; SCO ; WOS CC, 34 - 51

2019 [1/12] / GBR - Sun, Y.C. – Ren, H.X. – Zheng, X.Z. – Li, N. – Zhang, W. – Huang, Q.H. – Chen, X.F. 2-D poroelastic wave modelling with a topographic free surface by the curvilinear grid finite-difference method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 218, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1961 - 1982

2019 [1/12] / USA - Tavelli, M. – Dumbser, M. – Charrier, D.E. – Rannabauer, L. – Weinzierl, T. – Bader, M. A simple diffuse interface approach on adaptive Cartesian grids for the linear elastic wave equations with complex topography [elektronický dokument]. DOI 10.1016/j.jcp.2019.02.004 In: Journal of Computational Physics. San Diego : American Academic Press, 2019, Roč. 386, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 158 - 189

2019 [1/12] / GBR - Ren, Zhiming, Li, Zhenchun. High-order temporal and implicit spatial staggered-grid finite-difference operators for modelling seismic wave propagation [elektronický dokument]. DOI 10.1093/gji/ggz059 In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 217, č. 2, 844-865 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 844 - 865

2021 [1/12] / GBR - Jiang, L., Zhang, Wei. TTI equivalent medium parametrization method for the seismic waveform modelling of heterogeneous media with coarse grids [elektronický dokument]. DOI 10.1093/gji/ggab310 In: Geophysical Journal International. Oxford: Oxford University Press, 2021, Roč. 227, č. 3, s. 2016-2043 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; SCIE ; CCC, 2016 - 2043

2021 [1/12] / USA - Mittet, Rune. Small-scale medium variations with high-order finite-difference and pseudo-spectral schemes [elektronický dokument]. DOI 10.1190/geo2020-0210.1 In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2021, Roč. 86, č. 5, s. 387-399 [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO ; WOS CC ; SCIE ; CCC, 387 - 399

2021 [1/12] / USA - Mittet, Rune. On the pseudospectral method and spectral accuracy [elektronický dokument]. DOI 10.1190/geo2020-0209.1 In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2021, Roč. 86, č. 3, s. T127-T142 [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO ; WOS CC ; SCIE ; CCC, T127 - T142

2022 [1/20] / USA - Wang, Ning, Xing, Guangchi, Zhu, Tieyuan, Zhou, Hui, Shi, Ying. Propagating Seismic Waves in VTI Attenuating Media Using Fractional Viscoelastic Wave Equation [elektronický dokument]. DOI 10.1029/2021JB023280 In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2022, Roč. 127, č. 4, art. no. e2021JB023280 [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chybné) 0148-0227. - SCO ; WOS CC ; CCC ; SCIE, art. no. e2021JB023280

2023 [1/20] / GBR - Masson, Yder. Distributional finite-difference modelling of seismic waves

[elektronický dokument]. DOI 10.1093/gji/ggac306 In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 233, č. 1, s. 264-296 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 264 - 296

2021 [1/20] / GBR - Wang, Jing, Liu, Yang, Zhou, Hongyu. Acoustic wave propagation with new spatial implicit and temporal high-order staggered-grid finite-difference schemes [elektronický dokument]. DOI 10.1093/jge/gxab053 In: Journal of Geophysics and Engineering. Oxford: Oxford University Press, 2021, Roč. 18, č. 5, s. 808-823 [tlačená forma] [online]. ISSN 1742-2132. ISSN (online) 1742-2140. - SCO ; WOS CC ; CCC ; SCIE, 808 - 823

2022 [1/20] / USA - Zhou, Hongyu, Liu, Yang, Wang, Jing. Time–space domain scalar wave modeling by a novel hybrid staggered-grid finite-difference method with high temporal and spatial accuracies [elektronický dokument]. DOI 10.1016/j.jcp.2022.111004 In: Journal of Computational Physics. San Diego : American Academic Press, 2022, č. 455, art. no. 111004 [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCO ; SCIE ; CCC ; WOS CC, art. no. 111004

2022 [1/20] / GBR - Wang, Jing, Liu, Yang, Zhou, Hongyu. A novel equivalent staggered-grid finite-difference scheme and its optimization strategy for variable-density acoustic wave modelling [elektronický dokument]. DOI 10.1080/08123985.2022.2034477 In: Exploration Geophysics. Abingdon: Taylor & Francis Group, 2022, Roč. 53, č. 6, s. 669-682 [tlačená forma] [online]. ISSN 08123985. ISSN (online) 18347533. - SCO ; SCIE ; CCC ; WOS CC, 669 - 682

2022 [1/20] / USA - Gadylyshin, Kirill, Vishnevsky, Dmitry, Gadylyshina, Kseniia, Lisitsa, Vadim. Numerical dispersion mitigation neural network for seismic modeling [elektronický dokument]. DOI 10.1190/geo2021-0242.1 In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2022, Roč. 87, č. 3, s. 1-49 [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO ; SCIE ; CCC ; WOS CC, 1 - 49

2022 [1/20] / USA - He, Xijun, Yang, Dinghui, Qiu, Chujun, Zhou, Yanjie, Ma, Xiao. An Efficient Discontinuous Galerkin Method Using a Tetrahedral Mesh for 3D Seismic Wave Modeling [elektronický dokument]. DOI 10.1785/0120210229 In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2022, Roč. 112, č. 3, s. 1197-1223 [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCO ; SCIE ; CCC ; WOS CC, 1197 - 1223

2022 [1/20] / NLD - Wang, Jing, Liu, Yang, Zhou, Hongyu. High temporal accuracy elastic wave simulation with new time–space domain implicit staggered-grid finite-difference schemes [elektronický dokument]. DOI 10.1111/1365-2478.13244 In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2022, Roč. 70, č. 8, s. 1346-1366 [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCO ; SCIE ; CCC ; WOS CC, 1346 - 1366

2023 [1/20] / USA - He, Xijun, Yang, Dinghui, Huang, Jiandong, Huang, Xueyuan. Modeling 3-D Elastic Wave Propagation in TI Media Using Discontinuous Galerkin Method on Tetrahedral Meshes [elektronický dokument]. DOI 10.1109/TGRS.2023.3247540 In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2023, Roč. 61, art. no. 5904514, s. [1-14] [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCO ; SCIE ; CCC ; WOS CC, 1 - 14

2022 [1/20] / USA - Zhou, Hongyu, Liu, Yang, Wang, Jing. Elastic Wave Modeling with High-Order Temporal and Spatial Accuracies by a Selectively Modified and Linearly Optimized Staggered-Grid Finite-Difference Scheme [elektronický dokument]. DOI 10.1109/TGRS.2021.3078626 In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2022, č. 60, art. no. 3000122 [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCO ; SCIE ; CCC ; WOS CC, art. no. 3000122

2022 [1/20] / CHE - Touhami, Sara, Gatti, Filippo, Lopez-Caballero, Fernando, Cottureau, Régis, de Abreu Corrêa, Lúcio, Aubry, Ludovic, Clouteau, Didier. SEM3D: A 3D High-Fidelity Numerical Earthquake Simulator for Broadband (0–10 Hz) Seismic Response Prediction at a Regional Scale. DOI 10.3390/geosciences12030112 In: Geosciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2022, Roč. 12, č. 3, art. no. 112 [online]. ISSN 2076-3263. - SCO ; WOS CC ; ESCI, art. no. 112

2021 [1/12] / GBR - Khachkova, T., Lisitsa, V., Kolyukhin, D., Reshetova, G. Influence of interfaces roughness on elastic properties of layered media [elektronický dokument] In: Probabilistic Engineering Mechanics. Londýn: Elsevier, 2021, Roč. 66, [tlačená forma] [online]. ISSN 0266-8920. ISSN (online)

1878-4275. - SCIE ; SCO ; WOS CC, Art. No. 103170

2021 [1/12] / neurčené - Pleshkevich, A., Lisitsa, V., Vishnevsky, D., Levchenko, V. A multi-level parallel algorithm for seismic imaging based on one-way wave equation migration In: Computers & Mathematics with Applications, 2021, Roč. 97. - SCIE ; WOS CC, 344 - 354

2021 [1/12] / USA - Sun, Y.-C., Zhang, W., Ren, H., Bao, X., Xu, J.-K., Sun, N., Yang, Z., Chen, X. 3D Seismic-Wave Modeling with a Topographic Fluid-Solid Interface at the Sea Bottom by the Curvilinear-Grid Finite-Difference Method [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2021, Roč. 111, č. 5, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2753 - 2779

2021 [1/12] / neurčené - Zhou, H., Liu, Y., Wang, J. Acoustic finite-difference modeling beyond conventional Courant-Friedrichs-Lewy stability limit: Approach based on variable-length temporal and spatial operators [elektronický dokument]. Emerging Sources Citation Index N/A In: Earthquake Science, 2021, Roč. 34, č. 2. ISSN 16744519. ISSN (online) 18678777. - SCO ; WOS CC, 123 - 136

2021 [1/20] / USA - Konuk, T., Shragge, J. Tensorial elastodynamics for anisotropic media [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2021, Roč. 86, č. 4, 293- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC

2022 [1/20] / USA - Pitarka, A., Graves, R., Irikura, K., Miyakoshi, K., Wu, C., Kawase, H., Rodgers, A., McCallen, D. Refinements to the Graves-Pitarka Kinematic Rupture Generator, Including a Dynamically Consistent Slip-Rate Function, Applied to the 2019 Mw 7.1 Ridgecrest Earthquake [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2022, Roč. 112, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 287 - 306

2022 [1/20] / GBR - Koene, E. F. M., Wittsten, J., Robertsson, J. O. A. Finite-difference modelling of 2-D wave propagation in the vicinity of dipping interfaces: a comparison of anti-aliasing and equivalent medium approaches [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2022, Roč. 229, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 70 - 96

2023 [1/20] / GBR - Yang, H., Fu, L.-Y., Li, H., Du, Q., Zheng, H. 3D acoustoelastic FD modeling of elastic wave propagation in prestressed solid media [elektronický dokument] In: Journal of Geophysics and Engineering. Oxford: Oxford University Press, 2023, Roč. 20, č. 2, [tlačená forma] [online]. ISSN 1742-2132. ISSN (online) 1742-2140. - SCIE ; SCO ; WOS CC, 297 - 311

2023 [1/20] / NLD - Solovyev, S., Novikov, M., Lisitsa, V. A numerical investigation of wave-induced fluid flows in anisotropic fractured porous media [elektronický dokument] In: Computers and Mathematics with Applications: An International Journal. Amsterdam: Elsevier, 2023, Roč. 140, s. 78-88 [tlačená forma] [online]. ISSN 0898-1221. ISSN (online) 1873-7668. - SCIE ; SCO ; WOS CC, 78 - 88

2023 [1/20] / CHN - Wang, J., Liu, Y., Zhou, H. Temporal and spatial high-order accuracy implicit finite-difference method for modeling acoustic wave equation on rectangular staggered-grid In: Diqiu wuli xuebao. Peking: Science press, 2023, Roč. 66, č. 1, [tlačená forma]. ISSN 0001-5733. - SCIE ; WOS CC, 368 - 382

2019 [1/12] / NLD - Heinecke, A., Breuer, A., Cui, Y. Tensor-optimized hardware accelerates fused discontinuous Galerkin simulations [elektronický dokument] In: Parallel Computing. Amsterdam: Elsevier, 2019, Roč. 89, [tlačená forma] [online]. ISSN 0167-8191. ISSN (online) 1872-7336. - SCIE ; SCO ; WOS CC, Art. No. 102550

2019 [1/12] / USA - Hestholm, S. Elastic tilted orthorhombic (and simpler) wave modeling including free-surface topography [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2019, Roč. 84, č. 2, 93- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2020 [1/12] / neurčené - Seriani, G. – Oliveira, S.P. Numerical modeling of mechanical wave propagation In: Rivista del Nuovo Cimento, 2020, Roč. 43, č. 9. - SCIE ; SCO ; WOS CC, 459 - 514

2021 [1/12] / neurčené - Espindola-Carmona, A., Peter, D., Ortiz-Aleman, C. Crustal and Upper-Mantle Structure Below Central and Southern Mexico In: Journal of Geophysical Research: Solid Earth, 2021, Roč. 126, č. 6. - SCIE ; SCO ; WOS CC, Art. No. e2020JB020906

2022 [1/20] / GBR - Fu, M., Lin, M. Integrity Testing of a Platform-Pile System Using a Sensor Array and Wavenumber Domain Analysis [elektronický dokument] In: Advances in Civil Engineering. London: Hindawi Publishing Corporation, 2022, Roč. 2022, [tlačená forma] [online]. ISSN 1687-8086. ISSN (online) 1687-8094. - SCIE ; WOS CC, art. no. 7408393

2022 [1/20] / NLD - Zhou, X., Cao, J., Wang, G., Sun, J., Huo, S. Adaptive parameter-related implementation of the free surface in elastic anisotropic full-waveform modeling [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2022, č. 206, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; WOS CC, art. no. 104785

2023 [1/20] / USA - Zhou, X., Huo, S., Wang, H., Dong, S., Liang, Y., Cao, J. Model parameter design for modeling surface topography in VTI elastic finite-difference near-surface simulations [elektronický dokument]. DOI 10.1190/GEO2022-0027.1 In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2023, Roč. 88, č. 2, s. C33-C52 [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC ; SCO ; CCC, 33 - 52

2020 [1/12] / neurčené - Zou, Q., Huang, J., Li, Q., Yong, P., Xin, T. Elastic-wave numerical simulation and reverse time migration in pseudo-depth domain In: Shiyu Diqu Wuli Kantan/Oil Geophysical Prospecting, 2020, Roč. 55, č. 2. - SCO, 321 - 330

2021 [1/12] / neurčené - He, X., Yang, D., Qiu, C., Zhou, Y., Chang, Y. A parallel weighted Runge-Kutta discontinuous galerkin method for solving acousitc wave equations in 3D D'Alembert media on unstructured meshes In: Acta Geophysica Sinica, 2021, Roč. 64, č. 3. ISSN 00015733. - SCIE ; SCO ; WOS CC, 876 - 895

2022 [1/20] / USA - Wang, Y., Hu, X., Harris, J. M., Zhou, H. Crosswell Seismic Imaging Using Q-Compensated Viscoelastic Reverse Time Migration With Explicit Stabilization [elektronický dokument] In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2022, Roč. 60, [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCIE ; SCO ; WOS CC, art. no. 5915611

2022 [1/20] / USA - Zhang, C., Zhang, W. Efficient 2D acoustic wave finite-difference numerical simulation in strongly heterogeneous media using the adaptive mesh refinement technique [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2022, Roč. 87, č. 1, 29- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2022 [1/20] / CHE - Reshetova, G., Koynov, V. Parallel Implementation of the Seismic Sources Recovery in Randomly Heterogeneous Media In: 8th Russian Supercomputing Days on Supercomputing. Cham: Springer Nature, 2022, s. 262-275 [tlačená forma] [online]. ISBN 9783031229404. - SCO, 262 - 275

2022 [1/20] / USA - Liang, W., Chen, G., Wang, Y., Cao, J., Chen, J. A Nonbalanced Staggered-Grid FDTD Scheme for the First-Order Elastic-Wave Extrapolation and Reverse-Time Migration [elektronický dokument] In: IEEE Journal of selected topics in applied earth observations and remote sensing. Piscataway: Institute of Electrical and Electronics Engineers, 2022, Roč. 15, [tlačená forma] [online]. ISSN 1939-1404. ISSN (online) 2151-1535. - SCIE ; SCO ; WOS CC, 4772 - 4781

2023 [1/20] / USA - Bader, M., Almquist, M., Dunham, E. M. Modeling and inversion in acoustic-elastic coupled media using energy-stable summation-by-parts operators [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2023, Roč. 88, č. 3, [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO, nestr.

2022 [1/20] / USA - Bratov, V. A., Kuznetsov, S. V., Morozov, N. F. Lamb Problems and Related Problems in Dynamics: a Review [elektronický dokument] In: Mechanics of Solids. New York: Pleiades Publishing, 2022, Roč. 57, č. 8, [tlačená forma] [online]. ISSN 0025-6544. ISSN (online) 1934-7936. - SCIE ; SCO ; WOS CC, 1942 - 1952

2019 [1/12] / USA - Wang, W.L. – Hua, B.L. – McMechan, G.A. – Williamson, P. Reverse time migrations

in transversely isotropic media: A comparison between acoustic and elastic wave equations with two wave mode separation algorithms [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2019, Roč. 84, č. 2, 95- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2019 [1/12] / USA - Xu, S.G. – Liu, Y. – Ren, Z.M. – Zhou, H.Y. Time-space-domain temporal high-order staggered-grid finite-difference schemes by combining orthogonality and pyramid stencils for 3D elastic-wave propagation [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2019, Roč. 84, č. 4, 259- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2019 [1/12] / GBR - Zhang, N. – Zhang, Y. – Gao, Y.F. – Pak, R.Y.S. – Wu, Y.X. – Zhang, F. An exact solution for SH-wave scattering by a radially multilayered inhomogeneous semicylindrical canyon [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 217, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1232 - 1260

2020 [1/12] / CHE - Franczyk, A. – Gwizdz, D. – Lesniak, A. Performance of 3D Wave Field Modeling Using the Staggered Grid Finite Difference Method with General-Purpose Processors [elektronický dokument] In: Energies. Bazilej: Multidisciplinary Digital Publishing Institute, 2020, Roč. 13, č. 17, [online]. ISSN (online) 1996-1073. - SCIE ; SCO ; WOS CC, Art. No. 4573

2020 [1/12] / NLD - Gravenkamp, H. – Song, C.M. – Zhang, J.Q. On mass lumping and explicit dynamics in the scaled boundary finite element method [elektronický dokument]. DOI 10.1016/j.cma.2020.113274 In: Computer Methods in Applied Mechanics and Engineering. Amsterdam: Elsevier, 2020, Roč. 370, [tlačená forma] [online]. ISSN 0045-7825. ISSN (online) 1879-2138. - SCIE ; SCO ; WOS CC, Art. No. 113274

2020 [1/12] / NLD - Mulder, W.A. Research note: A workaround for the corner problem in numerically exact non-reflecting boundary conditions [elektronický dokument] In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2020, Roč. 68, č. 9, [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCIE ; SCO ; WOS CC, 2857 - 2866

2020 [1/12] / CHE - Ozmen, E. – Karimzadeh, S. – Askan, A. Broadband Ground Motion Simulation Within the City of Duzce (Turkey) and Building Response Simulation [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2020, Roč. 177, č. 5, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 2353 - 2373

2020 [1/12] / neurčené - Romenski, E. – Reshetova, G. – Peshkov, I. – Dumbser, M. Modeling wavefields in saturated elastic porous media based on thermodynamically compatible system theory for two-phase solid-fluid mixtures. DOI 10.1016/j.compfluid.2020.104587 In: Computers and Fluids, 2020, Roč. 206. - SCIE ; SCO ; WOS CC, Art. No. 104587

2020 [1/12] / neurčené - Zhou, Y.J. – Huang, X.Y. – He, X.J. – Zheng, Y.C. An Effective Method to Suppress Numerical Dispersion in 3D Elastic Modeling Using a High-Order Pade Approximation In: Journal of Seismic Exploration, 2020, Roč. 29, č. 5. ISSN 09630651. - SCIE ; WOS CC, 425 - 454

2020 [1/12] / GBR - Leng, K. – Korenaga, J. – Nissen-Meyer, T. 3-D scattering of elastic waves by small-scale heterogeneities in the Earth's mantle [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2020, Roč. 223, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 502 - 525

2021 [1/12] / USA - Galina, R., Evgeniy, R. Diffuse interface approach to modeling wavefields in a saturated porous medium [elektronický dokument] In: Applied Mathematics and Computation. Amsterdam: Elsevier, 2021, Roč. 398, [tlačená forma] [online]. ISSN 0096-3003. ISSN (online) 1873-5649. - SCIE ; SCO ; WOS CC, Art. No. 125978

2018 [1/12] / neurčené - Preston, L. A., Aldridge, D. F., Symons, N. P. Finite-difference modeling of 3D seismic wave propagation in high-contrast media In: 78th Society of Exploration Geophysicists International Exposition and Annual Meeting (SEG 2008) : Proceedings. [Houston]: Society of Exploration Geophysicists, 2018. - SCO, 2142 - 2146

- 2021 [1/12] / neurčené** - Semblat, J. F., Chaillat, S., Lenti, L., Meza-Fajardo, K., Santisi d'Avila, M. P. Modeling Seismic Wave Propagation and Interaction: Recent Advances and Future Challenges In: 16th International Conference of the International Association for Computer Methods and Advances in Geomechanics (IACMAG 2021) : Challenges and Innovations in Geomechanics : Lecture Notes in Civil Engineering. Cham: Springer, 2021. - SCO, 661 - 668
- 2019 [1/12] / neurčené** - Jiang, L., Zhang, W. A TTI representation of a heterogeneous medium for finite-difference seismic wave simulation In: 81st EAGE Conference and Exhibition 2019 : Conference Proceedings. Houten: European Association of Geoscientists & Engineers, 2019. - SCO, 1 - 5
- 2019 [1/12] / neurčené** - Hestholm, S. Elastic tilted orthorhombic modeling with free-surface topography - SEAM model results In: 88th Society of Exploration Geophysicists International Exposition and Annual Meeting (SEG 2018) : Proceedings. [Houston]: Society of Exploration Geophysicists, 2019. - SCO, 3833 - 3837
- 2019 [1/12] / neurčené** - Etienne, V., Tonellot, T., Janoubi, E., Shakhs, H. 3D elastic seismic modeling of large scale land survey In: SPE Middle East Oil and Gas Show and Conference 2019 (MEOS 2019) : Proceedings. [Richardson]: Society of Petroleum Engineers (SPE), 2019. - SCO, Art. No. SPE-195133-MS
- 2019 [1/12] / neurčené** - Mittet, R. Implementing internal interfaces in finite-difference schemes with the Heaviside step function In: 88th Society of Exploration Geophysicists International Exposition and Annual Meeting (SEG 2018) : Proceedings. [Houston]: Society of Exploration Geophysicists, 2019. - SCO, 3893 - 3897
- 2019 [1/12] / neurčené** - Plashkevich, A. – Vishnevskiy, D. – Lisitsa, V., Levchenko, V. Parallel algorithm for one-way wave equation based migration for seismic imaging In: 4th Russian Supercomputing Days Conference (RuSCDays 2018) : Communications in Computer and Information Science. Cham: Springer, 2019. - SCO, 125 - 135
- 2019 [1/12] / neurčené** - Reshetova G., Cheverda V., Lisitsa V., Khaidykov V. A parallel algorithm for studying the ice cover impact onto seismic waves propagation in the shallow arctic waters In: 4th Russian Supercomputing Days Conference (RuSCDays 2018) : Communications in Computer and Information Science. Cham: Springer, 2019. - SCO, 3 - 14
- 2021 [1/12] / GBR** - Can, G., Askan, A., Karimzadeh, S. An assessment of the 3 February 2002 Cay (Turkey) earthquake (Mw=6.6): Modeling of ground motions and felt intensity distribution [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2021, Roč. 150, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, Art. No. 106832
- 2021 [1/12] / neurčené** - Gadylishin, K., Lisitsa, V., Gadylishina, K., Vishnevsky, D., Novikov, M. Machine Learning-Based Numerical Dispersion Mitigation in Seismic Modelling In: 21st International Conference on Computational Science and Its Applications (ICCSA 2021) : Lecture Notes in Computer Science. Cham: Springer, 2021. - CPCI-S ; SCO ; WOS CC, 34 - 47
- 2021 [1/12] / USA** - Chen, J.-B., Cao, J., Li, Z. A comparative study on the stress image and adaptive parameter-modified methods for implementing free surface boundary conditions in elastic wave numerical modeling [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2021, Roč. 86, č. 6, 451- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC
- 2021 [1/12] / USA** - Mulder, W. A. A numerically exact nonreflecting boundary condition applied to the acoustic Helmholtz equation [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2021, Roč. 86, č. 4, 229- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC
- 2021 [1/12] / USA** - Ouyang, F., Zhao, J., Dai, S., Wang, S. Seismic wave modeling in vertically varying viscoelastic media with general anisotropy [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2021, Roč. 86, č. 4, 211- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC
- 2021 [1/12] / neurčené** - Petrov, I. B., Favorskaya, A. V. Numerical Simulation of Seismic Wave Propagation in Coastal Zones In: Doklady Earth Sciences, 2021, Roč. 497, č. 1. - SCIE ; SCO ; WOS CC,

2021 [1/12] / NLD - Salete, E., Vargas, A. M., Garcia, A., Benito, J. J., Urena, F., Urena, M. An effective numeric method for different formulations of the elastic wave propagation problem in isotropic medium [elektronický dokument] In: Applied Mathematical Modelling: simulation & computation for engineering & environmental systems. Amsterdam: Elsevier, 2021, Roč. 96, [tlačená forma] [online]. ISSN 0307-904X. ISSN (online) 1872-8480. - SCIE ; SCO ; WOS CC, 480 - 496

2021 [1/12] / neurčené - Solov'yev, S., Novikov, M., Kopylova, A., Lisitsa, V. Numerical Solution of Biot Equations in Quasi-static State In: 21st International Conference on Computational Science and Its Applications (ICCSA 2021) : Lecture Notes in Computer Science. Cham: Springer, 2021. - CPCI-S ; SCO ; WOS CC, 519 - 531

2022 [1/20] / GBR - Qu, Y., Zhang, J., Eisentrager, S., Song, C. A time-domain approach for the simulation of three-dimensional seismic wave propagation using the scaled boundary finite element method [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2022, Roč. 152, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, Art. No. 107011

2021 [1/20] / CHN - Wang, J., He, X., Dong, X., Yang, D., Li, J., Huang, X., Zhou, Y. A modified time-space optimized symplectic method for solving 3D elastic wave equations In: Diqiu wuli xuebao. Peking: Science press, 2021, Roč. 64, č. 11, s. 4150-4165 [tlačená forma]. ISSN 0001-5733. - SCIE ; SCO ; WOS CC ; CCC, 4150 - 4165

2021 [1/20] / POL - Dong, S.-L., Chen, J.-B., Li, Z. Viscoelastic wave finite-difference modeling in the presence of topography with adaptive free-surface boundary condition [elektronický dokument] In: Acta Geophysica. Varšava: Springer Nature. Springer International Publishing AG, 2021, Roč. 69, č. 6, [tlačená forma] [online]. ISSN 1895-6572. ISSN (online) 1895-7455. - SCIE ; SCO ; WOS CC, 2205 - 2217

2021 [1/20] / USA - Meng, W., Yang, D., Dong, X., Ma, J. A 3D Optimized Frequency-Wavenumber (FK), Time-Space Optimized Symplectic (TSOS) Hybrid Method for Teleseismic Wave Modeling [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2021, Roč. 111, č. 6, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 3403 - 3419

2021 [1/20] / USA - Zang, N., Zhang, W., Chen, X. An overset-grid finite-difference algorithm for simulating elastic wave propagation in media with complex free-surface topography [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2021, Roč. 86, č. 4, 277- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC

2021 [1/20] / USA - Li, Z., Liu Y., Liang, G., Xue, G., Wang, R. First-order particle velocity equations of decoupled P- and S-wavefields and their application in elastic reverse time migration [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2021, Roč. 86, č. 6, 387- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC

2022 [1/20] / USA - Chang, J., Wang, C., Tang, Y., Li, W. Numerical Investigations of Ultrasonic Reverse Time Migration for Complex Cracks Near the Surface [elektronický dokument] In: IEEE access: practical innovations, open solutions. Piscataway : Institute of Electrical and Electronics Engineers, 2022, Roč. 10, [online]. ISSN (online) 2169-3536. - SCIE ; SCO ; WOS CC, 5559 - 5567

2022 [1/20] / USA - Marty, P., Boehm, C., Pavard, C., Rominger, M., Fichtner, A. Full-Waveform Ultrasound Modeling of Soft Tissue-Bone Interactions using Conforming Hexahedral Meshes In: Medical Imaging 2022: Physics of Medical Imaging. Bellingham: The International Society for Optics and Photonics, 2022, [tlačená forma] [online]. ISBN 9781510649378. - CPCI-S ; SCO ; WOS CC, art. no. 120313H

2022 [1/20] / USA - Dong, S.-L., Chen, J.-B. An affine generalized optimal scheme with improved free-surface expression using adaptive strategy for frequency-domain elastic wave equation [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2022, Roč. 87, č. 3, 183- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online)

1942-2156. - SCIE ; SCO ; WOS CC

2022 [1/20] / NLD - Guo, X., Wang, J., Yang, S., Ren, Y. Optimal staggered-grid finite-difference method for wave modeling based on artificial neural networks [elektronický dokument] In: Computers and Mathematics with Applications: An International Journal. Amsterdam: Elsevier, 2022, Roč. 108, [tlačená forma] [online]. ISSN 0898-1221. ISSN (online) 1873-7668. - SCIE ; SCO ; WOS CC, 141 - 158

2022 [1/20] / CHE - Yang, H., Fu, L.-Y., Fu, B.-Y., Muller, T. M. Acoustoelastic FD Simulation of Elastic Wave Propagation in Prestressed Media In: Frontiers in Earth Science. Lausanne: Frontiers Media, 2022, Roč. 10, [online]. ISSN 2296-6463. - SCIE ; SCO ; WOS CC, art. no. 886920

2022 [1/20] / DEU - Scalzo, R., Lindsay, M., Jessell, M., Piro, G., Giraud, J., Cripps, E., Cripps, S. Blockworlds 0.1.0: a demonstration of anti-aliased geophysics for probabilistic inversions of implicit and kinematic geological models [elektronický dokument] In: Geoscientific Model Development. Gottingen: Copernicus Gesellschaft, 2022, Roč. 15, č. 9, [tlačená forma] [online]. ISSN 1991-959X. ISSN (online) 1991-9603. - SCIE ; SCO ; WOS CC, 3641 - 3662

2022 [1/20] / NLD - Romenski, E., Reshetova, G., Peshkov, I. Two-phase hyperbolic model for porous media saturated with a viscous fluid and its application to wavefields simulation [elektronický dokument] In: Applied Mathematical Modelling: simulation & computation for engineering & environmental systems. Amsterdam: Elsevier, 2022, č. 106, s. 567-600 [tlačená forma] [online]. ISSN 0307-904X. ISSN (online) 1872-8480. - SCIE ; SCO ; WOS CC ; CCC, 567 - 600

2022 [1/20] / GBR - Zhou, Y., Lu, F., Ma, X., Huang, X., Wang, C., He, X. An efficient symplectic stereo-modeling method for seismic inversion by using deep learning technique [elektronický dokument] In: Journal of Geophysics and Engineering. Oxford: Oxford University Press, 2022, Roč. 19, č. 4, [tlačená forma] [online]. ISSN 1742-2132. ISSN (online) 1742-2140. - SCIE ; SCO ; WOS CC, 750 - 760

2022 [1/20] / USA - Aubry, J.-F., Bates, O., Boehm, C., Pauly, K. B., Christensen, D., Cueto, C., Gelat, P., Guasch, L., Jaros, J., Jing, Y., Jones, R., Li, N., Marty, P., Montanaro, H., Neufeld, E., Pichardo, S., Pinton, G., Pulkkinen, A., Stanzola, A., Thielscher, A., Treeby, B., van 't Wout, E. Benchmark problems for transcranial ultrasound simulation: Intercomparison of compressional wave models [elektronický dokument] In: The Journal of the Acoustical Society of America. Melville: American Institute of Physics. Acoustical Society of America, 2022, Roč. 152, č. 2, s. 1003-1019 [tlačená forma] [online]. ISSN 0001-4966. ISSN (online) 1520-8524. - SCIE ; SCO ; WOS CC, 1003 - 1019

2022 [1/20] / NLD - Tschache, S., Vinje, V., Iversen, E. On the accuracy and spatial sampling of finite-difference modelling in discontinuous models [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2022, č. 206, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, art. no. 104789

2022 [1/20] / CHE - Theodoulidis, N., Dushi, E., Duni, L., Grendas, I., Panou, A., Hajrullai, A., Kuka, N., Koci, R. Local Site Effects Investigation in Durres City (Albania) Using Ambient Noise, after the 26 November 2019 (M6.4) Destructive Earthquake [elektronický dokument] In: Applied sciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2022, Roč. 12, č. 22, [online]. ISSN (online) 2076-3417. - SCIE ; SCO ; WOS CC, art. no. 11309

2022 [1/20] / IND - Joshi, A., Pandey, M., Mrityunjay, Sharma, S., Singh, J., Rastogi, R., Abhishek. Finite difference modelling of SH wave propagation: A case study of Gorkha earthquake, 25th April, 2015 (M-w 7.8) [elektronický dokument] In: Journal of Earth System Science. Bangalúr: Indian Academy of Sciences, 2022, Roč. 131, č. 4, [tlačená forma] [online]. ISSN 0253-4126. ISSN (online) 0973-774X. - SCIE ; SCO ; WOS CC, art. no. 216

2023 [1/20] / GBR - Wang, D., Lv, L. J. Analysis of Rayleigh wave response characteristics in complicated cave system and detection methods [elektronický dokument] In: Mechanical systems and signal processing. Londýn: Elsevier. Academic Press, 2023, č. 185, [tlačená forma] [online]. ISSN 0888-3270. ISSN (online) 1096-1216. - SCIE ; SCO ; WOS CC, art. no. 109806

2023 [1/20] / CHN - Xie, Z., Zheng, Y., Cristini, P., Zhang, X. Multi-axial unsplit frequency-shifted perfectly matched layer for displacement-based anisotropic wave simulation in infinite domain [elektronický dokument] In: Earthquake Engineering and Engineering Vibration. Peking: Science China Press, 2023, Roč. 22, č. 2, [tlačená forma] [online]. ISSN 1671-3664. ISSN (online) 1993-503X. - SCIE ; SCO ; WOS CC, 407 - 421

2023 [1/20] / CHN - Qin, N., Liang, H., Guo, Z., Li, Z. A parallel implementing strategy for full waveform inversion of 3D elastic waves based on domain decomposition In: Shiyou Diqu Wuli Kantan. Peking: Science China Press, 2023, Roč. 58, č. 2, [tlačená forma]. ISSN 1000-7210. - SCO, 351 - 357

2023 [1/20] / NLD - Chacon-Hernandez, F. Analysis of the acoustic seismic energy flux propagated through synthetic models formed by different structures [elektronický dokument] In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2023, Roč. 71, č. 4, [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCIE ; SCO ; WOS CC, 567 - 589

2023 [1/20] / GBR - Dang, P., Cui, J., Ma, W., Li, Y. Simulation of the 2022 Mw 6.6 Luding, China, earthquake by a stochastic finite-fault model with a nonstationary phase [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2023, č. 172, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, art. no. 108035

2024 [1/20] / GBR - Jiang, Luqian, Zhang, Wei. Efficient implementation of equivalent medium parametrization in finite-difference seismic wave simulation methods [elektronický dokument]. DOI 10.1093/gji/ggae286 In: Geophysical Journal International. Oxford: Oxford University Press, 2024, Roč. 239, č. 1, s. 675-693 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; SCIE ; CCC, 675 - 693

2024 [1/20] / CHE - Su, Wenchao, Huo, Shoudong, Zhou, Xuhui. Full-Waveform Modeling of Complex Media Seismic Waves for Irregular Topography and Its Application in Metal Ore Exploration [elektronický dokument]. DOI 10.3390/min14070664 In: Minerals. Bazilej: Multidisciplinary Digital Publishing Institute, 2024, Roč. 14, č. 7, art. no. 664 [online]. ISSN (online) 2075-163X. - SCO ; WOS CC ; CCC ; SCIE, art. no. 664

2023 [1/20] / CHE - Wang, Yinfeng, Lu, Jilong, Shi, Ying, Wang, Ning, Han, Liguu. High-Accuracy Simulation of Rayleigh Waves Using Fractional Viscoelastic Wave Equation [elektronický dokument]. DOI 10.3390/fractalfract7120880 In: Fractal and Fractional. Bazilej: Multidisciplinary Digital Publishing Institute, 2023, Roč. 7, č. 12, art. no. 880 [online]. ISSN (online) 2504-3110. - SCO ; WOS CC ; CCC ; SCIE, art. no. 880

2023 [1/20] / GBR - Miao, Zhongzheng, Zhang, Jinhai. Direct implementation of discontinuous-grid finite-difference method using multiple point sources method and dynamic wavefield injection [elektronický dokument]. DOI 10.1093/gji/ggad234 In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 234, č. 3, s. 2292-2306 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 2292 - 2306

2024 [1/20] / NLD - Li, Ruiqi, Zhang, Yijie, Liu, Naihao, Gao, Jinghui. A nodal discontinuous Galerkin method for wave propagation in coupled acoustic–elastic media [elektronický dokument]. DOI 10.1111/1365-2478.13520 In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2024, Roč. 72, č. 6, s. 2282-2299 [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCO ; WOS CC ; CCC ; SCIE, 2282 - 2299

2023 [1/20] / CHE - Vishal, Narayan, J. P. Numerical Simulations and Development of Relations for the Assessment of Ground Motion Amplifications Along the Flanks of 2D and 3D Hills [elektronický dokument]. DOI 10.1007/s00024-023-03261-7 In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2023, Roč. 180, č. 6, s. 2275-2307 [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCO ; WOS CC ; CCC ; SCIE, 2275 - 2307

2023 [1/20] / NLD - Gadylshin, Kirill, Lisitsa, Vadim, Vishnevsky, Dmitry, Gadylshina, Kseniya. Hausdorff-distance-based training dataset construction for numerical dispersion mitigation neural network [elektronický dokument]. DOI 10.1016/j.cageo.2023.105438 In: Computers & Geosciences. Amsterdam: Elsevier, 2023, č. 180, art. no. 105438 [tlačená forma] [online]. ISSN 0098-3004. ISSN (online) 1873-7803. - SCO ; WOS CC ; CCC ; SCIE, art. no. 105438

2024 [1/20] / GBR - Khachkova, Tatyana, Lisitsa, Vadim, Reshetova, Galina. Effect of interface roughness on the elastic properties of 3D layered media [elektronický dokument]. DOI 10.1016/j.probengmech.2023.103571 In: Probabilistic Engineering Mechanics. Londýn: Elsevier, 2024, č. 75, art. no. 103571 [tlačená forma] [online]. ISSN 0266-8920. ISSN (online) 1878-4275. - SCO ; WOS CC ; CCC ; SCIE, art. no. 103571

2024 [1/20] / NLD - Illienko, Maksym, Velsink, Matthias C., Witte, Stefan. Understanding photoacoustic signal formation in the presence of transparent thin films [elektronický dokument]. DOI 10.1016/j.pacs.2024.100617 In: Photoacoustics. Amsterdam: Elsevier, 2024, č. 38, art. no. 100617 [online]. ISSN (online) 2213-5979. - SCO ; WOS CC ; CCC ; SCIE, art. no. 100617

2024 [1/20] / USA - He, Xijun, Huang, Xueyuan, Yang, Dinghui, Huang, Jiandong, Zhou, Yanjie. Discontinuous Galerkin Method With a Novel Physics-Informed Flux for Elastic Wave Simulations in Heterogeneous Media [elektronický dokument]. DOI 10.1109/TGRS.2024.3429541 In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2024, Roč. 62, art. no. 4509011 [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCO ; WOS CC ; CCC ; SCIE, art. no. 4509011

2024 [1/20] / GBR - Riaño, Andrea C., Lopez-Caballero, Fernando, Hollender, Fabrice. Evaluating and validating 3-D simulated MASW and SPAC in situ tests in Argostoli, Greece [elektronický dokument]. DOI 10.1093/gji/ggae187 In: Geophysical Journal International. Oxford: Oxford University Press, 2024, Roč. 238, č. 2, s. 1053-1072 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 1053 - 1072

2023 [1/20] / NLD - Zhou, Xuhui, Huo, Shoudong, Liang, Yao, Dong, Shuli. Finite-difference method for modeling the surface wave propagation with surface topography in anisotropic-viscoelastic media [elektronický dokument]. DOI 10.1016/j.jappgeo.2023.105161 In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2023, č. 217, art. no. 105161 [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCO ; WOS CC ; CCC ; SCIE, art. no. 105161

2023 [1/20] / USA - Dong, Shu Li, Zhou, Xu Hui, Chen, Jing Bo. Finite-difference modeling with topography using 3D viscoelastic parameter-modified free-surface condition [elektronický dokument]. DOI 10.1190/geo2022-0556.1 In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2023, Roč. 88, č. 4, s. 1-62 [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO ; WOS CC ; SCIE ; CCC, 1 - 62

2023 [1/20] / GBR - Zheng, Wanqiu, Wang, Jian, Meng, Xiaohong. An approach to remove the numerical dispersion in elastic wave modeling using R-Cycle-GAN networks [elektronický dokument]. DOI 10.1093/jge/gxad074 In: Journal of Geophysics and Engineering. Oxford: Oxford University Press, 2023, Roč. 20, č. 6, s. 1164-1171 [tlačená forma] [online]. ISSN 1742-2132. ISSN (online) 1742-2140. - WOS CC ; CCC ; SCO ; SCIE, 1164 - 1171

2023 [1/20] / USA - Huang, Jiandong, Yang, Dinghui, He, Xijun, Liang, Shanglin, Sui, Jingkun, Wen, Jin, Meng, Weijuan. A Novel P/S Decoupling Scheme with an Exact Riemann Solver on Coupling Fluid-Solid Media [elektronický dokument]. DOI 10.1109/TGRS.2023.3324642 In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2023, Roč. 61, art. no. 5922809, s. 1-9 [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCO ; WOS CC ; CCC ; SCIE, art. no. 5922809 - 9

2023 [1/20] / GBR - Lehmann, Lukas, Ohrnberger, Matthias, Metz, Malte, Heimann, Sebastian. Accelerating low-frequency ground motion simulation for finite fault sources using neural networks [elektronický dokument]. DOI 10.1093/gji/ggad239 In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 234, č. 3, s. 2329-2343 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 2329 - 2343

2023 [1/20] / USA - Ostras, Oleksii, Shponka, Ihor, Pinton, Gianmarco. Ultrasound imaging of lung disease and its relationship to histopathology [elektronický dokument]: An experimentally validated simulation approach. DOI 10.1121/10.0021870 In: The Journal of the Acoustical Society of America. Melville: American Institute of Physics. Acoustical Society of America, 2023, Roč. 154, č. 4, s. 2410-2425 [tlačená forma] [online]. ISSN 0001-4966. ISSN (online) 1520-8524. - SCO ; WOS CC ; CCC ; SCIE, 2410 - 2425

2023 [1/20] / NLD - Ma, Yulong, Xi, Chaoqiang, Wang, Limin, Mi, Binbin, Guan, Bo, Hong, Yu, Zhou, Jie. An improved acoustic/elastic interface approach for 2D staggered grid finite-difference modeling of Rayleigh waves in the presence of surface topography [elektronický dokument]. DOI 10.1016/j.jappgeo.2023.105183 In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2023, č. 218, art. no. 105183 [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCO ; WOS CC ; CCC ; SCIE, art. no. 105183

2023 [1/20] / CHE - Karakozova, Anastasia, Kuznetsov, Sergey. Head Waves in Modified Weiskopf Sandy Medium [elektronický dokument]. DOI 10.3390/axioms12070679 In: Axioms. Bazilej: Multidisciplinary Digital Publishing Institute, 2023, Roč. 12, č. 7, art. no. 679 [online]. ISSN (online) 2075-1680. - SCO ; WOS CC ; CCC ; SCIE, art. no. 679

2023 [1/20] / USA - Wang, Liang, Zhang, Xue, Tinti, Stefano. Formulation for wave propagation in dissipative media and its application to absorbing layers in elastoplastic analysis using mathematical programming [elektronický dokument]. DOI 10.1002/nme.7251 In: International Journal for Numerical Methods in Engineering. [s.l.]: John Wiley & Sons, 2023, Roč. 124, č. 15, s. 3387-3405 [tlačená forma] [online]. ISSN 0029-5981. ISSN (online) 1097-0207. - SCO ; WOS CC ; CCC ; SCIE, 3387 - 3405

2023 [1/20] / GBR - Fu, Hongsun, Yang, Lu, Miao, Xinyue. An efficient plug-and-play regularization method for full waveform inversion [elektronický dokument]. DOI 10.1093/jge/gxad073 In: Journal of Geophysics and Engineering. Oxford: Oxford University Press, 2023, Roč. 20, č. 6, s. 1140-1149 [tlačená forma] [online]. ISSN 1742-2132. ISSN (online) 1742-2140. - SCO ; WOS CC ; CCC ; SCIE, 1140 - 1149

2024 [1/20] / CHE - Reshetova, Galina, Novikov, Mikhail, Romenski, Evgeniy. Computational Analysis of Seismic Waves Attenuation Caused by Porosity Variability in a Fluid-Saturated Porous Model of Thawing Permafrost [elektronický dokument]. DOI 10.1007/978-3-031-65238-7_22 In: Computational Science and Its Applications: ICCSA 2024 Workshops. Cham: Springer Nature. Springer, 2024, s. 321-333 [tlačená forma] [online]. ISBN 978-3-031-65237-0. ISBN (online) 978-3-031-65238-7. - SCO ; WOS CC ; CPCI-S, 321 - 333

2024 [1/20] / CHE - Gondyul, Elena, Gadylshin, Kirill, Lisitsa, Vadim, Vishnevsky, Dmitry. NDM-Net and Model Changes [elektronický dokument]. DOI 10.1007/978-3-031-65238-7_18 In: Computational Science and Its Applications: ICCSA 2024 Workshops. Cham: Springer Nature. Springer, 2024, s. 263-275 [tlačená forma] [online]. ISBN 978-3-031-65237-0. ISBN (online) 978-3-031-65238-7. - SCO ; WOS CC ; CPCI-S, 263 - 275

2023 [1/20] / CHE - Galaktionova, Anastasia, Reshetova, Galina. Parallel Implementation of the Time-Reversal Mirror Method for Retrieving the Position and Type of a Seismic Source from Observational Data [elektronický dokument]. DOI 10.1007/978-3-031-38864-4_13 In: Parallel Computational Technologies. Cham: Springer Nature. Springer, 2023, s. 182-196 [tlačená forma] [online]. ISBN 978-3-031-38863-7. ISBN (online) 978-3-031-38864-4. - SCO, 182 - 196

2023 [1/20] / CHE - Romenski, Evgeniy, Reshetova, Galina. Computational Modeling of Temperature-Dependent Wavefields in Fluid-Saturated Porous Media [elektronický dokument]. DOI 10.1007/978-3-031-37111-0_8 In: Computational Science and Its Applications: ICCSA 2023 Workshops. Cham: Springer Nature. Springer, 2023, s. 103-115 [tlačená forma] [online]. ISBN 978-3-031-37110-3. ISBN (online) 978-3-031-37111-0. - SCO, 103 - 115

2023 [1/20] / CHE - Gadylshin, Kirill, Lisitsa, Vadim, Gadylshina, Kseniia, Vishnevsky, Dmitry. Adaptive Data-Based Optimization of the Training Dataset for the NDM-net [elektronický dokument]. DOI 10.1007/978-3-031-37111-0_6 In: Computational Science and Its Applications: ICCSA 2023 Workshops. Cham: Springer Nature. Springer, 2023, s. 76-90 [tlačená forma] [online]. ISBN 978-3-031-37110-3. ISBN (online) 978-3-031-37111-0. - SCO, 76 - 90

2023 [1/20] / CHE - Galaktionova, Anastasia, Reshetova, Galina. Parallel Algorithm for Source Type Recovering by the Time Reversal Mirror [elektronický dokument]. DOI 10.1007/978-3-031-49435-2_19 In: Supercomputing. Cham: Springer Nature. Springer, 2023, s. 267-281 [tlačená forma] [online]. ISBN 978-3-031-49434-5. ISBN (online) 978-3-031-49435-2. - SCO, 267 - 281

V3_002 / Moczo, Peter (Autor) (25%) - Lucká, Mária (Autor) (25%) - Kristek, Jozef (Autor) (25%) - Kristeková, Miriam (Autor) (25%): 3D displacement finite differences and a combined memory optimization. – text. – [recenzované]. – SCO ; WOS CC ; SCIE ; CCC

In: *Bulletin of the Seismological Society of America* [textový dokument (print)] [elektronický dokument] . – ElCerrito (USA) : Seismological Society of America. – ISSN 0037-1106. – ISSN (online) 1943-3573. – Roč. 89, č. 1 (1999), s. 69-79 [tlačená forma] [online]

Počet všetkých autorov: 4

[článok]

[OV 091 Fyzika - OV 092 Vedy o Zemi a vesmíre]

Ohlasy (33):

1999 [3/12] / neurčené - Janod, F. Propagation des ondes large bande dans des milieux élastiques 3D [textový dokument (print)] . Grenoble: L'Université Joseph Fourier, 1999. 1 vyd.

2000 [1/12] / NLD - Brokesova, J.- Zahradnik, J., Paraskevopoulos, P. Ray and finite-difference modelling of CDP seismic sections for shallow lignite deposits [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2000, Roč. 45, č. 4, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, 261 - 272

2000 [1/12] / neurčené - Operto, S., Virieux, J., Malfanti, F., Hustedt, B. Adaptive seismic wave modeling in wavelet bases In: Fifth International Conference on Mathematical and Numerical Aspects of Wave Propagation. Philadelphia: SIAM, 2000. - CPCI-S ; WOS CC, 858 - 862

2001 [1/12] / USA - Day, S. M., Bradley, C. R. Memory-efficient simulation of anelastic wave propagation [elektronický dokument] In: Bulletin of the Seismological Society of America. EICerrito: Seismological Society of America, 2001, Roč. 91, č. 3, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 520 - 531

2001 [1/12] / USA - Wang, Y., Xu, J., Schuster, G. T. Viscoelastic wave simulation in basins by a variable-grid finite-difference method [elektronický dokument] In: Bulletin of the Seismological Society of America. EICerrito: Seismological Society of America, 2001, Roč. 91, č. 6, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1741 - 1749

2001 [3/12] / neurčené - Cohen, G. C. Higher-order Numerical Methods for Transient Wave Equations [textový dokument (print)] . New York: Springer, 2001. 1 vyd.

2002 [3/12] / neurčené - Cornou, C. Článek In: Triatement d'antenne et imagerie sismique dans l'agglomération grenobloise (Alpes francaises): implications pour les effets de site. Grenoble : L'Université Joseph Fourier, 2002, 2002

2002 [1/12] / USA - Chavez-Garcia, F. J., Castillo, J., Stephenson, W. R. 3D site effects: A thorough analysis of a high-quality dataset [elektronický dokument] In: Bulletin of the Seismological Society of America. EICerrito: Seismological Society of America, 2002, Roč. 92, č. 5, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1941 - 1951

2002 [1/12] / CZE - Opršal, I., Brokešová, J., Fah, D., Giardini, D. 3D hybrid ray-FD and DWN-FD seismic modeling for simple models containing complex local structures [elektronický dokument] In: Studia Geophysica et Geodaetica: a journal of geophysics, meteorology and climatology, geodesy. Praha: Akademie věd České republiky. Geofyzikální ústav AV ČR, 2002, Roč. 46, č. 4, [tlačená forma] [online]. ISSN 0039-3169. ISSN (online) 1573-1626. - SCIE ; SCO ; WOS CC, 711 - 730

2003 [1/12] / USA - Bielak, J., Loukakis, K., Hisada, Y., Yoshimura, C. Domain reduction method for three-dimensional earthquake modeling in localized regions, part I: theory [elektronický dokument] In: Bulletin of the Seismological Society of America. EICerrito: Seismological Society of America, 2003, Roč. 93, č. 2, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 817 - 824

2003 [1/12] / GBR - Chavez-Garcia, F. J. Site effects in Parkway Basin: comparison between observations and 3-D modelling [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2003, Roč. 154, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 633 - 646

2003 [1/12] / GBR - Hustedt, B., Operto, S., Virieux, J. A multi-level direct-iterative solver for seismic wave propagation modelling: space and wavelet approaches [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2003, Roč. 155, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 953 - 980

2002 [1/12] / GBR - Operto, S., Virieux, J., Hustedt, B., Malfanti, F. Adaptive wavelet-based finite-difference modelling of SH-wave propagation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2002, Roč. 148, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 476 - 498

2004 [1/12] / USA - Tadi, M. Finite volume method for 2D elastic wave propagation [elektronický

dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2004, Roč. 94, č. 4, [tlačaná forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1500 - 1509

2002 [1/12] / USA - Minkoff, S. E. Spatial parallelism of a 3D finite difference velocity-stress elastic wave propagation code [elektronický dokument] In: SIAM Journal on Scientific Computing: a publication of the Society for Industrial and Applied Mathematics. Philadelphia: Society for Industrial and Applied Mathematics, 2002, Roč. 24, č. 1, [tlačaná forma] [online]. ISSN 1064-8275. ISSN (online) 1095-7197. - SCIE ; SCO ; WOS CC, 1 - 19

2002 [1/12] / neurčené - Oprsal, I., Zahradnik, J. Three-dimensional finite difference method and hybrid modeling of earthquake ground motion In: Journal of Geophysical Research-Solid Earth, 2002, Roč. 107. - SCIE ; SCO ; WOS CC, Art. No. 2161

2002 [3/12] / neurčené - Pitarka, A., Graves, R. Hybrid Wave Propagation Modeling Based on 1D Discrete-wave Number and 3D Finite-difference Methods. USGS Technical Report Award No. 02HQGR0048 [textový dokument (print)] . [s.l.]: USGS, 2002. 1 vyd.

2003 [1/12] / CHE - Bouchon, M. A review of the discrete wavenumber method [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2003, Roč. 160, č. 3-4, [tlačaná forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 445 - 465

2003 [1/12] / neurčené - Cohen, G., Fauqueux, S. Mixed spectral elements for the linear elasticity system in unbounded domains In: Mathematical and Numerical Aspects of Wave Propagation : Waves 2003. Berlin: Springer, 2003. - CPCI-S ; WOS CC, 363 - 368

2003 [1/12] / USA - Cornou, C., Bard, P. Y., Dietrich, M. Contribution of dense array analysis to the identification and quantification of basin-edge-induced waves, part I: Methodology [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2003, Roč. 93, č. 6, [tlačaná forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2604 - 2623

2003 [1/12] / neurčené - Wang, X. M., Zhang, H. L., Wang, D. Modelling of seismic wave propagation in heterogeneous poroelastic media using a high-order staggered finite-difference method In: Chinese Journal of Geophysics-Chinese Edition, 2003, Roč. 46, č. 6. - SCIE ; SCO ; WOS CC, 842 - 849

2004 [1/12] / neurčené - Blikberg, R., Sorevik, T. Thread based OpenMP for nested parallelization In: Parallel Computing: Software Technology, Algorithms, Architectures and Applications : Book Series: Advances in Parallel Computing. Amsterdam: Elsevier, 2004. - CPCI-S ; WOS CC, 787 - 794

2005 [1/12] / NLD - Blikberg, R., Sorevik, T. Load balancing and OpenMP implementation of nested parallelism [elektronický dokument] In: Parallel Computing. Amsterdam: Elsevier, 2005, Roč. 31, č. 10-12, [tlačaná forma] [online]. ISSN 0167-8191. ISSN (online) 1872-7336. - SCIE ; SCO ; WOS CC, 984 - 998

2005 [1/12] / USA - Cohen, G., Fauqueux, S. Mixed spectral finite elements for the linear elasticity system in unbounded domains [elektronický dokument] In: SIAM Journal on Scientific Computing: a publication of the Society for Industrial and Applied Mathematics. Philadelphia: Society for Industrial and Applied Mathematics, 2005, Roč. 26, č. 3, [tlačaná forma] [online]. ISSN 1064-8275. ISSN (online) 1095-7197. - SCIE ; SCO ; WOS CC, 864 - 884

2007 [1/12] / USA - Etgen, J. T., O'Brien, M. J. Computational methods for large-scale 3D acoustic finite-difference modeling: A tutorial [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2007, Roč. 72, č. 5, [tlačaná forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2015 [1/12] / NLD - Ducellier, A., Aochi, H. Importance of crustal structure and anelastic attenuation for estimating ground motion parameters by finite difference simulation [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2015, Roč. 13, č. 7, [tlačaná forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 1893 - 1911

2005 [3/12] / neurčené - He, C., Qin, G., Zhao, W. High-order finite difference modeling on

reconfigurable computing platform In: SEG : Expanded Abstracts, 2005, Roč. 24, 1755 - 1758

2007 [1/12] / NLD - He, C., Qin, G., Lu, M., Zhao, W. Optimized high-order finite difference wave equations modeling on reconfigurable computing platform [elektronický dokument] In: Microprocessors and microsystems: Embedded Hardware Design. Amsterdam: Elsevier, 2007, Roč. 31, č. 2, [tlačená forma]. ISSN 0141-9331. ISSN (online) 1872-9436. - SCIE ; SCO ; WOS CC, 103 - 115

2008 [1/12] / neurčené - Kebeasy, T. R. M., Husebye, E. S., Hestholm, S. Are rock avalanches and landslides due to large earthquakes or local topographic effects? A case study of the Luroy earthquake of August 31, 1819, a 3D finite difference approach In: Earthquake Monitoring and Seismic Hazard Mitigation in Balkan Countries : Book Series: Nato Science Series IV Earth and Environmental Sciences. Dordrecht: Springer, 2008. - CPCIS ; WOS CC, 271 - 289

2011 [1/12] / GBR - Pilz, M., Parolai, S., Stupazzini, M., Paolucci, R., Zschau, J. Modelling basin effects on earthquake ground motion in the Santiago de Chile basin by a spectral element code [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2011, Roč. 187, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 929 - 945

2014 [1/12] / NLD - Yiyu, T., Inoguchi, Y., Sato, Y., Otani, M., Iwaya, Y., Tsuchiya, T. Design and implementation of a two-dimensional sound field solver based on the Digital Huygens' Model [elektronický dokument] In: Microprocessors and microsystems: Embedded Hardware Design. Amsterdam: Elsevier, 2014, Roč. 38, č. 3, [tlačená forma]. ISSN 0141-9331. ISSN (online) 1872-9436. - SCIE ; SCO ; WOS CC, 216 - 225

2017 [1/12] / neurčené - Cohen, G., Pernet, S. Hexahedral and Quadrilateral Spectral Elements for Acoustic Waves In: Finite Element and Discontinuous Galerkin Methods for Transient Wave Equations : Scientific Computation. Dordrecht: Springer, 2017. - BKCI-S ; WOS CC, 95 - 173

2020 [1/12] / GBR - Poursartip, B., Fathi, A., Tassoulas, J. L. Large-scale simulation of seismic wave motion: A review [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2020, Roč. 129, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, Art. No. 105909

V3_003 / Moczo, Peter (Autor) (25%) - Labák, Peter (Autor) (25%) - Kristek, Jozef (Autor) (25%) - Hron, František (Autor) (25%): Amplification and differential motion due to an antiplane 2D resonance in the sediment valleys embedded in a layer over the half-space. – text. – [recenzované]. – SCO ; WOS CC ; SCIE

In: *Bulletin of the Seismological Society of America* [textový dokument (print)] [elektronický dokument] . – ElCerrito (USA) : Seismological Society of America. – ISSN 0037-1106. – ISSN (online) 1943-3573. – Roč. 86, č. 5 (1996), s. 1434-1446 [tlačená forma] [online]

Počet všetkých autorov: 4

[článok]

[OV 091 Fyzika - OV 092 Vedy o Zemi a vesmíre]

Ohlasy (49):

1997 [1/12] / neurčené - Rial, J. A. A note on the relationship between a sedimentary basin's basement topography and the damage pattern of earthquakes: Chaos and order In: Seismology Research Letters, 1997, Roč. 68, č. 3. - SCO, 451 - 459

1998 [3/12] / neurčené - Faccioli, E., Paolucci, R., Chávez, García, F.J. Recent ESG studies in Europe-An outline of some potentially innovative applications In: The Effects of Surface Geology on Seismic motion. Rotterdam: Balkema, 1998, 147 - 160

1998 [3/12] / neurčené - Pitarka, A. 3D elastic finite-difference modeling of seismic motion using staggered grids with variable spacing In: The Effects of Surface Geology on Seismic Motion. Rotterdam: Balkema, 1998, 993 - 1000

1998 [3/12] / neurčené - Takenaka, H., Furumura, T., Fujiwara, H. Recent developments in numerical methods for ground motion simulation In: The Effects of Surface Geology on Seismic Motion. Rotterdam: Balkema, 1998, 91 - 101

1999 [1/12] / USA - Aoi, S., Fujiwara, H. 3D finite-difference method using discontinuous grids [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological

Society of America, 1999, Roč. 89, č. 4, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 918 - 930

1999 [1/12] / USA - Opršal, I., Zahradník, J. Elastic finite-difference method for irregular grids [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 1999, Roč. 64, č. 1, [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC, 240 - 250

1999 [1/12] / USA - Pitarka, A. 3D elastic finite-difference modeling of seismic motion using staggered grids with nonuniform spacing [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 1999, Roč. 89, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 54 - 68

1999 [1/12] / neurčené - Pitilakis, K. D., Raptakis, D. G., Makra, K. A. Site effects: Recent considerations and design provisions In: Earthquake Geotechnical Engineering. Leiden: A A Balkema Publishers, 1999. - CPCI-S ; WOS CC, 901 - 912

2003 [1/12] / GBR - Chavez-Garcia, F. J. Site effects in Parkway Basin: comparison between observations and 3-D modelling [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2003, Roč. 154, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 633 - 646

2000 [1/12] / NLD - Chávez-García, F. J., Faccioli, E. Complex site effects and building codes: Making the leap [elektronický dokument] In: Journal of Seismology. Dordrecht: Springer Nature, 2000, Roč. 4, č. 1, [tlačená forma] [online]. ISSN 1383-4649. ISSN (online) 1573-157X. - SCIE ; SCO ; WOS CC, 23 - 40

2001 [1/12] / CHE - Makra, K., Raptakis, D., Chavez-Garcia, F. J., Pitilakis, K. Site effects and design provisions: The case of Euroseistest [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2001, Roč. 158, č. 12, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 2349 - 2367

2005 [1/12] / GBR - Makra, K., Chavez-Garcia, F. J., Raptakis, D., Pitilakis, K. Parametric analysis of the seismic response of a 2D sedimentary valley: implications for code implementations of complex site effects [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2005, Roč. 25, č. 4, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 303 - 315

2000 [1/12] / neurčené - Caserta, A., Lanucara, P. Computer animation as a tool to visualize effects of seismic wave propagation inside heterogeneous media In: Annali di Geofisica, 2000, Roč. 43, č. 1. - SCIE ; WOS CC, 119 - 134

2001 [1/12] / USA - Hayashi, K., Burns, D. R., Toksoz, M. N. Discontinuous-grid finite-difference seismic modeling including surface topography [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2001, Roč. 91, č. 6, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1750 - 1764

2006 [1/12] / USA - Hestholm, S., Moran, M., Ketcham, S., Anderson, T., Dillen, M., McMechan, G. Effects of free-surface topography on moving-seismic-source modeling [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2006, Roč. 71, č. 6, 159- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2004 [1/12] / USA - Kang, T. S., Baag, C. E. An efficient finite-difference method for simulating 3D seismic response of localized basin structures [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2004, Roč. 94, č. 5, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1690 - 1705

2001 [1/12] / USA - Wang, Y., Xu, J., Schuster, G. T. Viscoelastic wave simulation in basins by a variable-grid finite-difference method [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2001, Roč. 91, č. 6, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1741 - 1749

2004 [1/12] / GBR - Zhang, J. F. Elastic wave modelling in heterogeneous media with high velocity

contrasts [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2004, Roč. 159, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 223 - 239

2001 [1/12] / CHE - Marrara, F., Suhadolc, P. 2-D modeling of site effects along the EURO-SEISTEST array (Volvi graben, Greece) [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2001, Roč. 158, č. 12, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 2369 - 2388

2000 [1/12] / GBR - Chávez-García, F.J., Raptakis, D., Makra, K., Pitilakis, K. Site effects at Euroseistest-2. Results from 2D numerical modeling and comparison with observations [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2000, Roč. 19, č. 1, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 23 - 39

2000 [1/12] / USA - Tessmer, E. Seismic finite-difference modeling with spatially varying time steps [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2000, Roč. 65, č. 4, [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC, 1290 - 1293

2001 [1/12] / neurčené - Wang, Y., Takenaka, H. A multidomain approach of the Fourier pseudospectral method using discontinuous grid for elastic wave modeling In: Earth, Planets & Space, 2001, Roč. 53, č. 3. - SCIE ; SCO ; WOS CC, 149 - 158

2004 [1/12] / NLD - Raptakis, D., Makra, K., Anastasiadis, A.S., Pitilakis, K. Complex Site Effects in Thessaloniki (Greece): 1. Soil Structure and Comparison of Observations with 1D Analysis [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2004, Roč. 2, č. 3, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 271 - 290

2007 [1/12] / USA - Chung, J. K. Amplification and differential motion due to an antipplane 2D resonance in the sediment valleys embedded in a layer over the half-space [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2007, Roč. 86, č. 5, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1434 - 1446

2012 [1/12] / NLD - Toyokuni, G., Takenaka, H. Accurate and efficient modeling of global seismic wave propagation for an attenuative Earth model including the center [elektronický dokument] In: Physics of the Earth and Planetary Interiors: a journal devoted to observational and experimental studies of the earth and planetary interiors and their theoretical interpretation by the physical sciences. Amsterdam: Elsevier, 2012, Roč. 200-201, [tlačená forma] [online]. ISSN 0031-9201. ISSN (online) 1872-7395. - SCIE ; SCO ; WOS CC, 45 - 55

2022 [1/20] / GBR - Zhong, W., Liu, T. A Mesh Grading Technique for Near-fault Seismic Wave Propagation in Large Velocity-contrast Viscoelastic Earth Media [elektronický dokument] In: Journal of Earthquake Engineering. Abingdon: Taylor & Francis Group, 2022, Roč. 26, č. 3, s. 1388-1415 [tlačená forma] [online]. ISSN 1363-2469. ISSN (online) 1559-808X. - SCIE ; SCO ; WOS CC, 1388 - 1415

2008 [1/12] / CHE - Narayan, J. P., Kumar, S. A fourth order accurate SH-Wave staggered grid finite-difference algorithm with variable grid size and VGR-Stress imaging technique [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2008, Roč. 165, č. 2, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 271 - 294

2015 [1/12] / GBR - Li, H., Zhang, W., Zhang, Z., Chen, X. Elastic wave finite-difference simulation using discontinuous curvilinear grid with non-uniform time step: two-dimensional case [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2015, Roč. 202, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 102 - 118

2019 [1/12] / neurčené - Zhu, C.B., Thambiratnam, D., Gallage, C. Inherent Characteristics of 2D Alluvial Formations Subjected to In-Plane Motion In: Journal of Earthquake Engineering, 2019, Roč. 23, č. 9. - SCIE ; SCO ; WOS CC, 1512 - 1530

2020 [1/12] / neurčené - Zhu, C.B., Riga, E., Pitilakis, K., Zhang, J., Thambiratnam, D. Seismic Aggravation in Shallow Basins in Addition to One-dimensional Site Amplification In: Journal of Earthquake Engineering, 2020, Roč. 24, č. 9. - SCIE ; SCO ; WOS CC, 1477 - 1499

2013 [1/12] / neurčené - Manolis, G. D., Makra, K., Dineva, P. S., Rangelov, T. V. Seismic motions in a non-homogeneous soil deposit with tunnels by a hybrid computational technique In: Earthquakes and Structures, 2013, Roč. 5, č. 2. - SCIE ; SCO ; WOS CC, 161 - 205

2015 [1/12] / USA - Fan, N., Zhao, L. F., Gao, Y. J., Yao, Z. X. A discontinuous collocated-grid implementation for high-order finite-difference modeling [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2015, Roč. 80, č. 4, 175- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2021 [1/12] / USA - Zhang, C., Zhang, W. Efficient Two-dimensional Acoustic Wave Finite-Difference Numerical Simulation in Strongly Heterogeneous Media Using the Adaptive Mesh Refinement (AMR) Technique [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2021, Roč. 87, č. 1, [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO, 1 - 71

2022 [1/20] / USA - Zhang, C., Zhang, W. Efficient 2D acoustic wave finite-difference numerical simulation in strongly heterogeneous media using the adaptive mesh refinement technique [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2022, Roč. 87, č. 1, 29- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2008 [1/12] / NLD - Narayan, J. P., Richharia, A. A. Effects of strong lateral discontinuity on ground motion characteristics and aggravation factor [elektronický dokument] In: Journal of Seismology. Dordrecht: Springer Nature, 2008, Roč. 12, č. 4, [tlačená forma] [online]. ISSN 1383-4649. ISSN (online) 1573-157X. - SCIE ; SCO ; WOS CC, 557 - 573

2012 [1/12] / neurčené - Narayan, J. P. Effects of angle of incidence of sh-wave at the basin-edge on the characteristics of basin-edge induced love wave In: Journal of Earthquake and Tsunami, 2012, Roč. 6, č. 1. - SCIE ; SCO ; WOS CC

2015 [1/12] / USA - Chen, G., Jin, D., Zhu, J., Shi, J., Li, X. Nonlinear Analysis on Seismic Site Response of Fuzhou Basin, China [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2015, Roč. 105, č. 2, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 928 - 949

2015 [1/12] / neurčené - Chen, G.-X., Jin, D.-D., Zhu, J., Li, X.-J. Nonlinear seismic response of estuarine basin and design parameters of ground motion In: Yantu Lixue/Rock and Soil Mechanics, 2015, Roč. 36, č. 6. - ESCI ; SCO ; WOS CC, 1721 - 1736

2010 [1/12] / HRV - Narayan, J. P., Kumar, S. A 4th order accurate P-SV wave staggered grid finite difference algorithm with variable grid size and VGR-stress imaging technique [elektronický dokument] In: Geofizika. Zagreb: Geofizički zavod, 2010, Roč. 27, č. 1, [tlačená forma] [online]. ISSN 0352-3659. ISSN (online) 1846-6346. - SCIE ; SCO ; WOS CC, 45 - 68

2008 [1/12] / neurčené - Kamalian, M., Jafari, M. K., Sohrabi-Bidar, A., Razmkhah, A. Seismic response of 2-D semi-sine shaped hills to vertically propagating incident waves: Amplification patterns and engineering applications In: Earthquake Spectra, 2008, Roč. 24, č. 2. - SCIE ; SCO ; WOS CC, 405 - 430

2017 [1/12] / neurčené - Manolis, G. D., Dineva, P., Rangelov, T. V., Wuttke, F. Anti-plane strainwave motion in finite inhomogeneous media In: Solid Mechanics and Its Applications, 2017, Roč. 240. - BKCI-S ; SCO ; WOS CC, 181 - 209

2014 [3/12] / neurčené - Dineva, P., Parvanova, S., Vasilev, G., Wuttke, F. Seismic soil-tunnels interaction via bem part 1. mechanical model [elektronický dokument] In: Journal of Theoretical and Applied Mechanics, 2014, Roč. 44, č. 3, [tlačená forma]. ISSN 1429-2955. ISSN (online) 2543-6309, 31 - 48

2014 [1/12] / GBR - Ermert, L., Poggi, V., Burjanek, J., Faeh, D. Fundamental and higher two-dimensional resonance modes of an Alpine valley [elektronický dokument] In: Geophysical Journal

International. Oxford: Oxford University Press, 2014, Roč. 198, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 795 - 811

2017 [1/12] / GBR - Oral, E., Gelis, C., Bonilla, L.F., Delavaud, E. Spectral element modelling of seismic wave propagation in visco-elastoplastic media including excess-pore pressure development [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 211, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1494 - 1508

2020 [1/12] / GBR - Sgattoni, G., Castellaro, S. Detecting 1-D and 2-D ground resonances with a single-station approach [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2020, Roč. 223, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 471 - 487

2023 [1/20] / USA - Castellaro, S., Musinu, G. Resonance versus Shape of Sedimentary Basins [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2023, Roč. 113, č. 2, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, art. no. 0120210277

2023 [1/20] / USA - Sgattoni, G., Lattanzi, G., Castellaro, S. An experimental approach to unravel 2D ground resonances: application to an alluvial-sedimentary basin [elektronický dokument] In: Earth, Planets and Space. New York: Springer Nature, 2023, Roč. 75, č. 1, [tlačená forma] [online]. ISSN 1343-8832. ISSN (online) 1880-5981. - SCO, art. no. 74

2023 [1/20] / IDN - Rizal, Syamsurizal, Priyono, Awali, Nugraha, Andri Dian, Apri, Mochamad, Moelyadi, Mochamad Agus, Sahara, David P. Reducing Numerical Dispersion with High-Order Finite Difference to Increase Seismic Wave Energy [elektronický dokument]. DOI 10.5614/j.eng.technol.sci.2023.55.4.5 In: Journal of Engineering and Technological Sciences. Bandung: ITB Journal Publisher, 2023, Roč. 55, č. 4, s. 402-418 [tlačená forma] [online]. ISSN 2337-5779. ISSN (online) 2338-5502. - SCO ; WOS CC ; ESCI, 402 - 418

2022 [1/20] / CHN - Zhang, Chunli, Zhang, Wei. Two-dimensional elastic wave finite-difference simulation with adaptive mesh refinement [elektronický dokument]. DOI 10.13471/j.cnki.acta.snus.2021D073 In: Zhongshan Daxue Xuebao: Acta Scientiarum Naturalium Universitatis Sunyatseni. Čung-šan: Journal of Zhongshan University, 2022, Roč. 61, č. 1, s. 125-138 [online]. ISSN (online) 2097-0137. - SCO, 125 - 138

V3_004 / Vörös, Zoltán (Autor) (50%) - Verő, József (Autor) (40%) - Kristek, Jozef (Autor) (10%): Nonlinear time series analysis of geomagnetic pulsations. – text. – [recenzované]. – DOI 10.5194/npg-1-145-1994. – SCO ; SCIE ; WOS CC

In: *Nonlinear Processes in Geophysics* [textový dokument (print)] [elektronický dokument] . – Mníchov (Nemecko) : European Geosciences Union. – ISSN 1023-5809. – ISSN (online) 1607-7946. – Roč. 1, č. 2-3 (1994), s. 145-155 [tlačená forma] [online]

Počet všetkých autorov: 3

[článok]

[OV 091 Fyzika - OV 092 Vedy o Zemi a vesmíre]

[ŠO 1160 fyzika - ŠO 1217 vedy o Zemi]

Ohlasy (3):

2014 [1/20] / CHN - Niu, Chao, Liu, Dai Zhi, Li, Xi Hai, Zeng, Xiao Niu, Li, Yi Hong, Wang, Hong Xia. Feature analysis of geomagnetic variation time series based on complexity theory. DOI 10.6038/cjg20140829 In: Diqiu wuli xuebao. Peking: Science press, 2014, Roč. 57, č. 8, s. 2713-2723 [tlačená forma]. ISSN 0001-5733. - SCO ; CCC ; WOS CC ; SCIE, 2713 - 2723

2004 [1/20] / DEU - Wei, H. L., Billings, S. A., Balikhin, M. Analysis of the geomagnetic activity of the Dst index and self-affine fractals using wavelet transforms [elektronický dokument]. DOI 10.5194/npg-11-303-2004 In: Nonlinear Processes in Geophysics. Mníchov: European Geosciences Union, 2004, Roč. 11, č. 3, s. 303-312 [tlačená forma] [online]. ISSN 1023-5809. ISSN (online) 1607-7946. - SCO ; WOS CC ; SCIE ; CCC, 303 - 312

1999 [1/20] / NLD - Hongre, L., Sailhac, P., Alexandrescu, M., Dubois, J. Nonlinear and multifractal approaches of the geomagnetic field [elektronický dokument]. DOI 10.1016/S0031-9201(98)00133-2 In: Physics of the Earth and Planetary Interiors: a journal devoted to observational and experimental studies

of the earth and planetary interiors and their theoretical interpretation by the physical sciences.
Amsterdam: Elsevier, 1999, Roč. 110, s. 157-190 [tlačaná forma] [online]. ISSN 0031-9201. ISSN (online) 1872-7395. - SCO ; WOS CC ; CCC ; SCIE, 157 - 190

V3_005 / Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (22%) - Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (20%) - Kristeková, Miriam (Autor) (18%) - Valovčan, Jaroslav (Autor) [Interný doktorand] [UKOMFKAFZM] (17%) - Gális, Martin (Autor) [Výskumný pracovník - výskumník] [UKOMFKAFZM] (15%) - Gregor, Dávid (Autor) [Odborný asistent] [UKOMFKAFZM] (8%): Material Interface in the Finite-Difference Modeling: A Fundamental View. – text. – [recenzované]. – DOI 10.1785/0120220133. – CCC ; WOS CC ; SCIE ; SCO

In: *Bulletin of the Seismological Society of America* [textový dokument (print)] [elektronický dokument] . – ElCerrito (USA) : Seismological Society of America. – ISSN 0037-1106. – ISSN (online) 1943-3573. – Roč. 113, č. 1 (2023), s. 281-296 [tlačaná forma] [online]

Počet všetkých autorov: 6

[článok]

Lit.: 23

[OV 091 Fyzika - OV 092 Vedy o Zemi a vesmíre]

[ŠO 1160 fyzika - ŠO 1217 vedy o Zemi]

Indikátor časopisu:

IF: 3.0

SNIP: 1,218

SJR: 1,286

CiteScore: 5,4

AIS: 1.086

Kvartil Q:

AIS - Geochemistry & geophysics - **Q2JCI** - Geochemistry & geophysics - **Q2JIF** - Geochemistry & geophysics - **Q2Scimag** - Geochemistry and petrology - **Q1**, Geophysics - **Q1**

Ohlasy (3):

2024 [1/20] / GBR - Jiang, Luqian, Zhang, Wei. Efficient implementation of equivalent medium parametrization in finite-difference seismic wave simulation methods [elektronický dokument]. DOI 10.1093/gji/ggae286 In: Geophysical Journal International. Oxford: Oxford University Press, 2024, Roč. 239, č. 1, s. 675-693 [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; SCIE ; CCC, 675 - 693

2023 [1/20] / USA - Xu, Jiaqi, Hu, Hengshan, Han, Bo. 3-D Simulation of Wave Propagation in the Fractured Porous Media for Subsurface Sensing [elektronický dokument]: A Rotated Staggered Finite-Difference Algorithm Based on Equivalent Medium Theory. DOI 10.1109/TGRS.2023.3326615 In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2023, Roč. 61, art. no. 4507810 [tlačaná forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCO ; WOS CC ; CCC ; SCIE, art. no. 4507810

2023 [1/20] / RUS - Petrov, I. B., Golubev, V. I., Shevchenko, A. V., Nikitin, I. S. Approximation of Boundary Condition in Higher Order Grid-Characteristic Schemes [elektronický dokument]. DOI 10.1134/S1064562423701375 In: Doklady Mathematics. Moskva: Nauka Publishers. MAIK Nauka/Interperiodica. Pleiades Publishing, 2023, Roč. 108, č. 3, s. 466-471 [tlačaná forma]. ISSN 1064-5624. ISSN (online) 1531-8362. - SCO ; WOS CC ; CCC ; SCIE, 466 - 471

V3_006 / Valovčan, Jaroslav (Autor) [Odborný asistent] [UKOMFKAFZM] (27%) - Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (23%) - Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (20%) - Gális, Martin (Autor) [Výskumný pracovník - výskumník] [UKOMFKAFZM] (17%) - Kristeková, Miriam (Autor) [Výskumný pracovník - výskumník] [UKOMFKAFZM] (13%): Can Higher-Order Finite-Difference Operators Be Applied across a Material Interface?. – text, graf. – [recenzované]. – DOI 10.1785/0120230037. – SCO ; SCIE ; CCC ; WOS CC

In: *Bulletin of the Seismological Society of America* [textový dokument (print)] [elektronický dokument] . – ElCerrito (USA) : Seismological Society of America. – ISSN 0037-1106. – ISSN (online) 1943-3573. – Roč. 113, č. 5 (2023), s. 1924-1937 [tlačaná forma] [online]

Počet všetkých autorov: 5

[článok]

Lit.: 25

[OV 092 Vedy o Zemi a vesmíre]

[ŠO 1217 vedy o Zemi]

Indikátor časopisu:

IF: 3.0

SNIP: 1,218

SJR: 1,286

CiteScore: 5,4

AIS: 1.086

Kvartil Q:

AIS - Geochemistry & geophysics - Q2**JCI** - Geochemistry & geophysics - Q2**JIF** - Geochemistry & geophysics - Q2**Scimago** - Geochemistry and petrology - Q1, Geophysics - Q1

V3_007 / Gregor, Dávid (Autor) [Odborný asistent] [UKOMFKAFZM] (20%) - Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (20%) - Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (14%) - Mesgouez, Arnaud (Autor) (12%) - Lefeuvre-Mesgouez, Gaëlle (Autor) (12%) - Morency, Christina (Autor) (10%) - Diaz, Julien (Autor) (7%) - Kristeková, Miriam (Autor) (5%): Seismic waves in medium with poroelastic/elastic interfaces: a two-dimensional P-SV finite-difference modelling. – text, graf., tab. – [recenzované]. – DOI 10.1093/gji/ggab357. – SCO ; SCIE ; CCC ; WOS CC

In: *Geophysical Journal International* [textový dokument (print)] [elektronický dokument] . – Oxford (Veľká Británia) : Oxford University Press. – ISSN 0956-540X. – ISSN (online) 1365-246X. – Roč. 228, č. 1 (2022), s. 551-588 [tlačaná forma] [online]

Počet všetkých autorov: 8

[článok]

Lit.: 50

[OV 092 Vedy o Zemi a vesmíre]

[ŠO 1217 vedy o Zemi]

Indikátor časopisu:

IF: 2.8

SNIP: 1,257

SJR: 1,347

CiteScore: 5,9

AIS: 1.077

Kvartil Q:

AIS - Geochemistry & geophysics - Q2**JCI** - Geochemistry & geophysics - Q2**JIF** - Geochemistry & geophysics - Q2**Scimago** - Geochemistry and petrology - Q1, Geophysics - Q1

Ohlasy (1):

2022 [1/20] / CHN - Zhang, Wensheng, Joardar, Atish Kumar. Stability of High-Order Finite-Difference Schemes for Poroelastic Wave Simulation [elektronický dokument]. DOI 10.4208/eajam.260122.280422

In: East Asian journal on applied mathematics. Hong Kong: Global Science Press, 2022, Roč. 12, č. 4, s. 891-911 [tlačaná forma] [online]. ISSN 2079-7362. ISSN (online) 2079-7370. - SCO ; SCIE ; CCC ; WOS CC, 891 - 911

AAA Vedecké monografie vydané v zahraničných vydavateľstvách

Počet výstupov: 1

AAA_001 / Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (37%) - Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (33%) - Gális, Martin (Autor) [Výskumný pracovník - výskumník] [UKOMFKAFZM] (30%): The finite-difference modelling of earthquake motions [textový dokument (print)] [elektronický dokument] : Waves and Ruptures. – 1. vyd. – Cambridge (Veľká Británia) : Cambridge University Press, 2014. – 365 s. [tlačaná forma] [online] : text. – [recenzované]. – ISBN 978-1-107-02881-4. – ISBN (online) 978-1-139-23691-1. – DOI 10.1017/CBO9781139236911. – SCO ; WOS CC ; BKCI-S

Počet všetkých autorov: 3

[monografia (do 2021)][Publikácia je odporúčaným študijným materiálom pre predmety zamerané na fyziku (geofyzika). Svojím charakterom spĺňa aj kritériá na pedagogické dielo (VŠ učebnica).]

[OV 092 Vedy o Zemi a vesmíre]

Ohlasy (218):

2014 [1/12] / GBR - van Driel, M., Nissen-Meyer, T. Optimized viscoelastic wave propagation for weakly dissipative media [elektronický dokument] In: *Geophysical Journal International*. Oxford: Oxford University Press, 2014, Roč. 199, č. 2, [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1078 - 1093

2015 [1/12] / GBR - Abreu, R., Stich, D., Morales, J. The Complex-Step-Finite-Difference method [elektronický dokument] In: *Geophysical Journal International*. Oxford: Oxford University Press, 2015, Roč. 202, č. 1, [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 72 - 93

- 2015 [1/12] / USA** - Gao, L., Brossier, R., Pajot, B., Tago, J., Virieux, J. An immersed free-surface boundary treatment for seismic wave simulation [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2015, Roč. 80, č. 5, 193- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC
- 2015 [1/12] / neurčené** - Khokhlov, N., Yavich, N., Malovichko, M., Petrov, I. Solution of large-scale seismic modeling problems. Conference Proceedings Citation Index – Science N/A In: 4th International Young Scientist Conference on Computational Science : Procedia Computer Science. Amsterdam: Elsevier Science Bv, 2015. - SCO ; WOS CC, 191 - 199
- 2015 [1/12] / GBR** - Mercerat, E. D., Glinsky, N. A nodal high-order discontinuous Galerkin method for elastic wave propagation in arbitrary heterogeneous media [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2015, Roč. 201, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1101 - 1118
- 2015 [1/12] / GBR** - Paolucci, R., Mazzieri, I., Smerzini, C. Anatomy of strong ground motion: near-source records and three-dimensional physics-based numerical simulations of the M-w 6.0 2012 May 29 Po Plain earthquake, Italy [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2015, Roč. 203, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 2001 - 2020
- 2015 [1/12] / USA** - Sesetyan, K., Cakti, E., Madariaga, R. Engineering implications of source parameters and 3D wave propagation modeling for the 2004 Parkfield, California, Earthquake [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2015, Roč. 105, č. 3, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1739 - 1755
- 2015 [1/12] / USA** - Sun, W., Zhou, B., Fu, L. Y. A staggered-grid convolutional differentiator for elastic wave modelling [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2015, Roč. 301, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 59 - 76
- 2015 [1/12] / NLD** - Yang, L., Yan, H., Liu, H. Optimal rotated staggered-grid finite-difference schemes for elastic wave modeling in TTI media [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2015, Roč. 122, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, 40 - 52
- 2016 [1/12] / GBR** - Afanasiev, M., Peter, D., Sager, K., Simute, S., Ermert, L., Krischer, L., Fichtner, A. Foundations for a multiscale collaborative global Earth model [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 204, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 39 - 58
- 2016 [1/12] / USA** - Antonietti, P. F., de Dios, B. A., Mazzieri, I., Quarteroni, A. Stability analysis of discontinuous galerkin approximations to the elastodynamics problem [elektronický dokument] In: Journal of Scientific Computing. New York: Springer Nature, 2016, Roč. 68, č. 1, [tlačená forma] [online]. ISSN 0885-7474. ISSN (online) 1573-7691. - SCIE ; SCO ; WOS CC, 143 - 170
- 2016 [1/12] / GBR** - Asano, K., Sekiguchi, H., Iwata, T., Yoshimi, M., Hayashida, T., Saomoto, H., Horikawa, H. Modelling of wave propagation and attenuation in the Osaka sedimentary basin, western Japan, during the 2013 Awaji Island earthquake [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 204, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1678 - 1694
- 2016 [1/12] / RUS** - Biryukov, V. A., Miryakha, V. A., Petrov, I. B., Khokhlov, N. I. Simulation of elastic wave propagation in geological media: Intercomparison of three numerical methods [elektronický dokument] In: Computational Mathematics and Mathematical Physics. Moskva: Pleiades Publishing, 2016, Roč. 56, č. 6, [tlačená forma] [online]. ISSN 09655425. ISSN (online) 15556662. - SCIE ; SCO ; WOS CC, 1086 - 1095
- 2016 [1/12] / NLD** - Gokhberg, A., Fichtner, A. Full-waveform inversion on heterogeneous HPC systems [elektronický dokument] In: Computers & Geosciences. Amsterdam: Elsevier, 2016, Roč. 89, [tlačená forma] [online]. ISSN 0098-3004. ISSN (online) 1873-7803. - SCIE ; SCO ; WOS CC, 260 - 268

2016 [1/12] / GBR - Hailemichael, S., Lenti, L., Martino, S., Paciello, A., Rossi, D., Mugnozza, G. S. Ground-motion amplification at the Colle di Roio ridge, central Italy: a combined effect of stratigraphy and topography [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 206, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1 - 18

2016 [1/12] / NLD - Chang, K. H., Tsaur, D. H., Wang, J. H. Ground motions around a semicircular canyon with a dipping edge under SH plane wave incidence [elektronický dokument] In: Journal of Seismology. Dordrecht: Springer Nature, 2016, Roč. 20, č. 1, [tlačená forma] [online]. ISSN 1383-4649. ISSN (online) 1573-157X. - SCIE ; SCO ; WOS CC, 117 - 136

2016 [1/12] / NLD - Landry, W., Barbot, S. Gamra: Simple meshing for complex earthquakes [elektronický dokument] In: Computers & Geosciences. Amsterdam: Elsevier, 2016, Roč. 90, [tlačená forma] [online]. ISSN 0098-3004. ISSN (online) 1873-7803. - SCIE ; SCO ; WOS CC, 49 - 63

2016 [1/12] / NLD - Makra, K., Chavez-Garcia, F. J. Site effects in 3D basins using 1D and 2D models: an evaluation of the differences based on simulations of the seismic response of Euroseistest [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2016, Roč. 14, č. 4, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 1177 - 1194

2016 [1/12] / GBR - Paolucci, R., Evangelista, L., Mazzieri, I., Schiappapietra, E. The 3D numerical simulation of near-source ground motion during the Marsica earthquake, central Italy, 100 years later [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2016, Roč. 91, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 39 - 52

2016 [1/12] / GBR - Riga, E., Makra, K., Pitilakis, K. Aggravation factors for seismic response of sedimentary basins: A code oriented parametric study [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2016, Roč. 91, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 116 - 132

2016 [1/12] / GBR - Trovato, C., Lokmer, I., De Martin, F., Aochi, H. Long period (LP) events on Mt Etna volcano (Italy): the influence of velocity structures on moment tensor inversion [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 207, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 785 - 810

2016 [1/12] / GBR - Wang, E., Liu, Y., Sen, M. K. Effective finite-difference modelling methods with 2-D acoustic wave equation using a combination of cross and rhombus stencils [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 206, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1933 - 1958

2016 [1/12] / USA - Yang, G., Chen, Y., Song, G., Yang, Y., Luo, C., Jin, J., Li, S. An NAD scheme with wavenumber error optimized for 2D scalar wave equation [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2016, Roč. 106, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 189 - 203

2017 [1/12] / USA - Di Bartolio, L., Lopez, L., Lemos, L.J.R. High-order finite-difference approximations to solve pseudoacoustic equations in 3D VTI media [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2017, Roč. 82, č. 5, 225- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2017 [1/12] / GBR - Ferroni, A., Antonietti, P. F., Mazzieri, I., Quarteroni, A. Dispersion-dissipation analysis of 3-D continuous and discontinuous spectral element methods for the elastodynamics equation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 211, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1554 - 1574

2017 [1/12] / GBR - Fichtner, A., Hanasoge, S. M. Discrete wave equation upscaling [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 209, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 353 - 357

2017 [1/12] / neurčené - Guo, T., McMechan, G. A. Evaluation Of Three First-Order Isotropic Viscoelastic Formulations Based On The Generalized Standard Linear Solid. Článok In: Journal of Seismic Exploration, 2017, Roč. 26, č. 3. ISSN 09630651. - SCIE ; SCO ; WOS CC, 199 - 226

2017 [1/12] / neurčené - Igel, H. Computational Seismology: A Practical Introduction. BKCI-S Book Citation Index - Science N/A In: Computational Seismology: A Practical Introduction. New York: Oxford Univ Press, 2017. - WOS CC, 1 - 323

2017 [1/12] / USA - Li, B., Liu, I., Sen, M. K., Ren, Z. M. Time-space-domain mesh-free finite difference based on least squares for 2D acoustic-wave modeling [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2017, Roč. 82, č. 4, [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC

2017 [1/12] / USA - Li, J.X., Innanen, K. A., Tao, G., Zhang, K., Lines, L. Wavefield simulation of 3D borehole dipole radiation [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2017, Roč. 82, č. 3, 155- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2017 [1/12] / GBR - Ma, X., Yang, D. H. A phase-preserving and low-dispersive symplectic partitioned Runge-Kutta method for solving seismic wave equations [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 209, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 1534 - 1557

2017 [1/12] / neurčené - Maeda, T., Takemura, S., Furumura, T. OpenSWPC: an open-source integrated parallel simulation code for modeling seismic wave propagation in 3D heterogeneous viscoelastic media. DOI 10.1186/s40623-017-0687-2 In: Earth Planets and Space, 2017, Roč. 69. - SCIE ; WOS CC, Art. No. 102

2017 [1/12] / neurčené - Morioka, H., Kumagi, H., Maeda, T. Theoretical basis of the amplitude source location method for volcano-seismic signals In: Journal of Geophysical Research-Solid Earth, 2017, Roč. 122, č. 8. - SCIE ; WOS CC, 6538 - 6551

2017 [1/12] / USA - Ren, Z. M., Li, Z. C. Temporal high-order staggered-grid finite-difference schemes for elastic wave propagation [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2017, Roč. 82, č. 5, 207- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC

2017 [1/12] / NLD - Smerzini, C., Pitikalis, K., Hashemi, K. Evaluation of earthquake ground motion and site effects in the Thessaloniki urban area by 3D finite-fault numerical simulations [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2017, Roč. 15, č. 3, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 787 - 812

2017 [1/12] / neurčené - Takenaka, H., Komatsu, M., Toyokuni, G., Nakamura, T., Okamoto, T. Quasi-Cartesian finite-difference computation of seismic wave propagation for a three-dimensional sub-global model. DOI 10.1186/s40623-017-0651-1 In: Earth Planets and Space, 2017, Roč. 69. - SCIE ; WOS CC, Art. No. 67

2017 [1/12] / CZE - Yan, H. Y., Yang, L. Seismic modeling with an optimal staggered-grid finite-difference scheme based on combining Taylor-series expansion and minimax approximation [elektronický dokument] In: Studia Geophysica et Geodaetica: a journal of geophysics, meteorology and climatology, geodesy. Praha: Akademie věd České republiky. Geofyzikální ústav AV ČR, 2017, Roč. 61, č. 3, [tlačená forma] [online]. ISSN 0039-3169. ISSN (online) 1573-1626. - SCIE ; WOS CC, 560 - 574

2017 [1/12] / GBR - Yang, K., Zhang, J. F., Gao, H. W. Unstructured mesh based elastic wave modelling on GPU: a double-mesh grid method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 211, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 741 - 750

2017 [1/12] / USA - Zhan, Q.W., Zhuang, M. W., Sun, Q. T., Ren, Q., Ren, Y., Mao, Y.Q., Liu, Q.H. Efficient Ordinary Differential Equation-Based Discontinuous Galerkin Method for Viscoelastic Wave Modeling [elektronický dokument] In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2017, Roč. 55, č. 10, [tlačená forma] [online]. ISSN

01962892. ISSN (online) 15580644. - SCIE ; SCO ; WOS CC, 5577 - 5584

2018 [1/12] / NLD - Abreu, R., Su, Z.M., Kamm, J., Gao, J.H. On the accuracy of the Complex-Step-Finite-Difference method [elektronický dokument] In: Journal of Computational and Applied Mathematics. Amsterdam: Elsevier, 2018, Roč. 340, [tlačená forma] [online]. ISSN 0377-0427. ISSN (online) 1879-1778. - SCIE ; SCO ; WOS CC, 390 - 403

2018 [1/12] / neurčené - Anufrieva, A.A., Rung, E.V., Tumakov, D.N. Second-Order Accurate Finite-Difference Scheme for Solving the Problem of Elastic Wave Diffraction by the Anisotropic Gradient Layer In: Lobachevskii Journal of Mathematics, 2018, Roč. 39, č. 8. - SCIE ; WOS CC, 1053 - 1065

2018 [1/12] / neurčené - Favorskaya, A.V., Petrov, I. B. Grid-Characteristic Method. BKCI-S Book Citation Index - Science N/A In: Innovations in Wave Processes Modelling and Decision Making: Grid-Characteristic Method and Applications. Berlin: Springer, 2018. - SCO ; WOS CC, 117 - 160

2018 [1/12] / GBR - Koene, E.F.M., Robertsson, J.O.A., Broggini, F., Andersson, F. Eliminating time dispersion from seismic wave modeling [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2018, Roč. 213, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 169 - 180

2018 [1/12] / GBR - Lambrecht, L., Lamert, A., Friedrich, W., Moller, T., Boxberg, M.S. A nodal discontinuous Galerkin approach to 3-D viscoelastic wave propagation in complex geological media [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2018, Roč. 212, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1570 - 1587

2018 [1/12] / GBR - Lee, J., Park, H., Park, Y., Shin, C. An arbitrary-order staggered time integrator for the linear acoustic wave equation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2018, Roč. 212, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1057 - 1071

2018 [1/12] / USA - Li, Q.L., Jia, X.F. A generalized average-derivative optimal finite-difference scheme for 2D frequency-domain acoustic-wave modeling on continuous nonuniform grids [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2018, Roč. 83, č. 5, 265- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2018 [1/12] / GBR - Riga, E., Makra, K., Pitilakis, K. Investigation of the effects of sediments inhomogeneity and nonlinearity on aggravation factors for sedimentary basins [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2018, Roč. 110, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 284 - 299

2018 [1/12] / NLD - Shi, P.D., Angus, D., Nowacki, A., Yuan, S.Y., Wang, Y. Y. Microseismic Full Waveform Modeling in Anisotropic Media with Moment Tensor Implementation [elektronický dokument] In: Surveys in Geophysics: an international review journal of geophysics and planetary sciences: an International Review Journal Covering the Entire Field of Geosciences and Related Areas. [Amsterdam]: Springer Nature, 2018, Roč. 39, č. 4, [tlačená forma] [online]. ISSN 0169-3298. ISSN (online) 1573-0956. - SCIE ; SCO ; WOS CC, 567 - 611

2018 [1/12] / GBR - Terrana, S., Vilotte, J. P., Guillot, L. A spectral hybridizable discontinuous Galerkin method for elastic-acoustic wave propagation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2018, Roč. 213, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 574 - 602

2018 [1/12] / USA - Wang, E. J., Ba, J., Liu, Y. Time-space-domain implicit finite-difference methods for modeling acoustic wave equations [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2018, Roč. 83, č. 4, 175- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2018 [1/12] / USA - Wang, Z.K., Li, J.Y., Wang, B.F., Xu, Y.R., Chen, X.H. A new central compact finite difference scheme with high spectral resolution for acoustic wave equation [elektronický dokument]. DOI 10.1016/j.jcp.2018.03.030 In: Journal of Computational Physics. San Diego : American Academic Press, 2018, Roč. 366, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS

2018 [1/12] / GBR - Xu, S.G., Liu, Y. 3D acoustic wave modeling with a time-space-domain temporal high-order finite-difference scheme [elektronický dokument] In: Journal of Geophysics and Engineering. Oxford: Oxford University Press, 2018, Roč. 15, č. 5, [tlačená forma] [online]. ISSN 1742-2132. ISSN (online) 1742-2140. - SCIE ; WOS CC, 1963 - 1976

2018 [1/12] / neurčené - Zhang, X.Y., Zhang, D., Chen, Q., Yang, Y. Second-order scalar wave field modeling with a first-order perfectly matched layer [elektronický dokument] In: Solid Earth: an Interactive Open-access Journal of the European Geosciences Union, 2018, Roč. 9, č. 6, [tlačená forma]. ISSN 1869-9510. ISSN (online) 1869-9529. - SCIE ; WOS CC, 1277 - 1298

2019 [1/12] / GBR - Afanasiev, M., Boehm, C., van Driel, M., Krischer, L., Rietmann, M., May, D.A., Knepley, M. G., Fichtner, A. Modular and flexible spectral-element waveform modelling in two and three dimensions [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 216, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1675 - 1692

2019 [1/12] / USA - Amundsen, L., Pedersen, O. Elimination of temporal dispersion from the finite-difference solutions of wave equations in elastic and anelastic models [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2019, Roč. 84, č. 2, 47- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2019 [1/12] / DEU - Basilone, L., Bonfardedi, A., Romano, P., Sulli, A. Natural Laboratories for Field Observation About Genesis and Landscape Effects of Palaeo-Earthquakes: a Proposal for the Rocca Busambra and Monte Barracu Geosites (West Sicily) [elektronický dokument] In: Geoheritage. Heidelberg: Springer Nature, 2019, Roč. 11, č. 3, [online] [tlačená forma]. ISSN 1867-2477. ISSN (online) 1867-2485. - SCIE ; WOS CC, 821 - 837

2019 [1/12] / NLD - Jiang, L., Zhang, W. A TTI representation of a heterogeneous medium for finite-difference seismic wave simulation. DOI 10.3997/2214-4609.201900656 In: 81st EAGE Conference and Exhibition 2019: Conference Proceedings. Houten: The European Association of Geoscientists and Engineers (EAGE), 2019, s. 1-5 [tlačená forma] [online]. ISBN 9789462822894. - SCO, 1 - 5

2021 [1/12] / GBR - Jiang, L., Zhang, Wei. TTI equivalent medium parametrization method for the seismic waveform modelling of heterogeneous media with coarse grids [elektronický dokument]. DOI 10.1093/gji/ggab310 In: Geophysical Journal International. Oxford: Oxford University Press, 2021, Roč. 227, č. 3, s. 2016-2043 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; SCIE ; CCC, 2016 - 2043

2021 [1/12] / NLD - Makra, Konstantia, Rovithis, Emmanouil, Riga, Evi, Raptakis, Dimitrios, Pitilakis, Kyriazis. Amplification features and observed damages in İzmir (Turkey) due to 2020 Samos (Aegean Sea) earthquake: identifying basin effects and design requirements [elektronický dokument]. DOI 10.1007/s10518-021-01148-3 In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2021, Roč. 19, č. 12, s. 4773-4804 [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCO ; WOS CC ; CCC, 4773 - 4804

2019 [1/12] / neurčené - Burjanek, J., Kleinbrod, U., Fah, D. Modeling the Seismic Response of Unstable Rock Mass With Deep Compliant Fractures In: Journal of Geophysical Research-Solid Earth, 2019, Roč. 124, č. 12. - SCIE ; SCO ; WOS CC, 13039 - 13059

2019 [1/12] / USA - Gao, L.F., Keyes, D. Combining finite element and finite difference methods for isotropic elastic wave simulations in an energy-conserving manner [elektronický dokument]. DOI 10.1016/j.jcp.2018.11.031 In: Journal of Computational Physics. San Diego : American Academic Press, 2019, Roč. 378, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 665 - 685

2019 [1/12] / USA - He, X.J., Yang, D. H., Ma, X., Zhou, Y.J. Symplectic interior penalty discontinuous Galerkin method for solving the seismic scalar wave equation [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2019, Roč. 84, č. 3, 133- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS

2019 [1/12] / neurčené - Klin, P., Laurenzano, G., Romano, M.A., Priolo, E., Martelli, L. ER3D: a structural and geophysical 3-D model of central Emilia-Romagna (northern Italy) for numerical simulation of earthquake ground motion [elektronický dokument] In: Solid Earth: an Interactive Open-access Journal of the European Geosciences Union, 2019, Roč. 10, č. 3, [tlačená forma]. ISSN 1869-9510. ISSN (online) 1869-9529. - SCIE ; SCO ; WOS CC, 931 - 949

2019 [1/12] / GBR - Lisitsa, V., Kolyukhin, D., Tcheverda, V. Statistical analysis of free-surface variability's impact on seismic wavefield [elektronický dokument]. DOI 10.1016/j.soildyn.2018.09.043 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2019, Roč. 116, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 86 - 95

2019 [1/12] / GBR - Liu, X., Greenhalgh, S., Zhou, B., Greenlagh, M. Frequency-domain seismic wave modelling in heterogeneous porous media using the mixed-grid finite-difference method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 216, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 34 - 54

2019 [1/12] / NLD - Liu, X., Liu, Y., Ren, Z.M., Li, B. Perfectly matched layer boundary conditions for frequency-domain acoustic wave simulation in the mesh-free discretization [elektronický dokument] In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2019, Roč. 67, č. 7, [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCIE ; WOS CC, 1732 - 1744

2019 [1/12] / GBR - Martin, R., Bodet, L., Tournat, V., Rejiba, F. Seismic wave propagation in nonlinear viscoelastic media using the auxiliary differential equation method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 216, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 453 - 469

2019 [1/12] / neurčené - Molina-Gomez, F., Caicedo, B., da Fonseca, A.V. Physical modelling of soil liquefaction in a novel micro shaking table [elektronický dokument] In: Geomechanics and Engineering, 2019, Roč. 19, č. 3. ISSN 2005307X. ISSN (online) 20926219. - SCIE ; SCO ; WOS CC, 229 - 240

2019 [1/12] / GBR - Ou, W. M., Wang, Z. W. Simulation of Stoneley wave reflection from porous formation in borehole using FDTD method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 217, č. 5, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 2081 - 2096

2019 [1/12] / USA - Pleshkevich, A., Vishnevskiy, D., Lisitsa, V. Sixth-order accurate pseudo-spectral method for solving one-way wave equation [elektronický dokument]. DOI 10.1016/j.amc.2019.04.029 In: Applied Mathematics and Computation. Amsterdam: Elsevier, 2019, Roč. 359, [tlačená forma] [online]. ISSN 0096-3003. ISSN (online) 1873-5649. - SCIE ; SCO ; WOS CC, 34 - 51

2019 [1/12] / neurčené - Rass, L., Kolyukhin, D., Minakov, A. Efficient parallel random field generator for large 3-D geophysical problems In: Computers and Geosciences, 2019, Roč. 131. - SCIE ; SCO ; WOS CC, 158 - 169

2019 [1/12] / USA - Rodgers, A.J., Petersson, N.A., Pitarka, A., McCallen, D.B., Sjogreen, B., Abrahamson, N. Broadband (0-5 Hz) Fully Deterministic 3D Ground-Motion Simulations of a Magnitude 7.0 Hayward Fault Earthquake: Comparison with Empirical Ground-Motion Models and 3D Path and Site Effects from Source Normalized Intensities [elektronický dokument] In: Seismological Research Letters. Albany: Seismological Society of America, 2019, Roč. 90, č. 2B, [tlačená forma] [online]. ISSN 0895-0695. ISSN (online) 1938-2057. - SCIE ; SCO ; WOS CC, 1268 - 1284

2019 [1/12] / USA - Sarajaervi, M., Keers, H. Ray-based modeling and imaging in viscoelastic media using graphics processing units [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2019, Roč. 84, č. 5, 425- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2019 [1/12] / GBR - Sun, Y.C., Ren, H.X., Zheng, X.Z., Li, N., Zhang, W., Huang, Q.H., Chen, X. F. 2-D poroelastic wave modelling with a topographic free surface by the curvilinear grid finite-difference method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 218, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS

CC, 1961 - 1982

2019 [1/12] / neurčené - Tripathi, B.B., Espindola, D., Pinton, G.F. Piecewise parabolic method for propagation of shear shock waves in relaxing soft solids: One-dimensional case [elektronický dokument] In: International Journal for Numerical Methods in Biomedical Engineering, 2019, Roč. 35, č. 5, [tlačená forma]. ISSN 2040-7939. ISSN (online) 2040-7947. - SCIE ; SCO ; WOS CC, Art. No. e3187

2019 [1/12] / USA - Tripathi, B.B., Espindola, G.F., Pinton, G.F. Modeling and simulations of two dimensional propagation of shear shock waves in relaxing soft solids [elektronický dokument]. DOI 10.1016/j.jcp.2019.06.014 In: Journal of Computational Physics. San Diego : American Academic Press, 2019, Roč. 395, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 205 - 222

2019 [1/12] / neurčené - Tumakov, D.N., Rung, E.V., Danilova, A.V. Solving the Problem of Elastic Waves Diffraction by a Fluid-Saturated Porous Gradient Layer Using a Second-Order Finite-Difference Scheme In: Lobachevskii Journal of Mathematics, 2019, Roč. 40, č. 10. - SCIE ; WOS CC, 1739 - 1752

2019 [1/12] / CHE - Wang, E.J., Ba, J., Liu, Y. Temporal High-Order Time-Space Domain Finite-Difference Methods for Modeling 3D Acoustic Wave Equations on General Cuboid Grids [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2019, Roč. 176, č. 12, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 5391 - 5414

2019 [1/12] / neurčené - Xie, Z.N., Zheng, Y.L., Zhang, X.B., Tang, L.H. Weak-form time-domain perfectly matched layer for numerical simulation of viscoelastic wave propagation in infinite-domain In: Chinese Journal of Geophysics, 2019, Roč. 62, č. 8. - SCIE ; SCO ; WOS CC, 3140 - 3154

2019 [1/12] / USA - Xu, S.G., Liu, Y., Ren, Z.M., Zhou, H.Y. Time-space-domain temporal high-order staggered-grid finite-difference schemes by combining orthogonality and pyramid stencils for 3D elastic-wave propagation [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2019, Roč. 84, č. 4, 259- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2019 [1/12] / USA - Zhan, Q.W., Zhuang, M.W., Zhou, Z.N., Liu, J.G., Liu, Q.H. Complete-Q Model for Poro-Viscoelastic Media in Subsurface Sensing: Large-Scale Simulation With an Adaptive DG Algorithm [elektronický dokument] In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2019, Roč. 57, č. 7, [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCIE ; SCO ; WOS CC, 4591 - 4599

2020 [1/12] / USA - He, X.J., Yang, D.H., Huang, X.Y., Ma, X. A numerical dispersion-dissipation analysis of discontinuous Galerkin methods based on quadrilateral and triangular elements [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2020, Roč. 85, č. 3, 101- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2020 [1/12] / NLD - Chen, G.T., Wang, Y.F., Wang, Z.L., Zhang, S.Y. Dispersion-relationship-preserving seismic modelling using the cross-rhombus stencil with the finite-difference coefficients solved by an over-determined linear system [elektronický dokument] In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2020, Roč. 68, č. 6, [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCIE ; SCO ; WOS CC, 1771 - 1792

2020 [1/12] / USA - Infantino, M., Mazzieri, I., Ozcebe, A.G., Paolucci, R., Stupazzini, M. 3D Physics-Based Numerical Simulations of Ground Motion in Istanbul from Earthquakes along the Marmara Segment of the North Anatolian Fault [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2020, Roč. 110, č. 5, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; WOS CC, 2559 - 2576

2020 [1/12] / USA - Liu, Y. Acoustic and elastic finite-difference modeling by optimal variable-length spatial operators [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2020, Roč. 85, č. 2, 57- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2020 [1/12] / USA - Liu, Y. Maximizing the CFL number of stable time' space domain explicit finite

-difference modeling [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2020, Roč. 416, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, Art. No. 109501

2020 [1/12] / USA - Spa, C., Rojas, O., de la Puente, J. Comparison of expansion-based explicit time-integration schemes for acoustic wave propagation [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2020, Roč. 85, č. 3, 165- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2020 [1/12] / USA - Ye, R.C., Kumar, K., de Hoop, M.V., Campillo, M. A multi-rate iterative coupling scheme for simulating dynamic ruptures and seismic waves generation in the prestressed earth [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2020, Roč. 405, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, Art. No. 109098

2020 [1/12] / NLD - Yun, N., Sun, C.Y., Sim, C. An optimal nearly analytic splitting method for solving 2D acoustic wave equations [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2020, Roč. 177, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, Art. No. 104029

2020 [1/12] / USA - Zhan, Q.W., Zhuang, M.W., Liu, Q.H. Adaptive Discontinuous Galerkin Modeling of Intrinsic Attenuation Anisotropy for Fluid-Saturated Porous Media [elektronický dokument] In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2020, Roč. 58, č. 5, [tlačená forma] [online]. ISSN 0196-2892. ISSN (online) 1558-0644. - SCIE ; SCO ; WOS CC, 3113 - 3122

2020 [1/12] / NLD - Sim, C., Sun, C., Yun, N. A nearly analytic symplectic partitioned Runge-Kutta method based on a locally one-dimensional technique for solving two-dimensional acoustic wave equations [elektronický dokument] In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2020, Roč. 68, č. 4, [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCIE ; SCO ; WOS CC, 1253 - 1269

2020 [1/12] / neurčené - Novikov, M. A., Lisitsa, V. V., Bazaikin, Y. V. Wave Propagation in Fractured-Porous Media with Different Percolation Length of Fracture Systems In: Lobachevskii Journal of Mathematics, 2020, Roč. 41, č. 8. - SCIE ; SCO ; WOS CC, 1533 - 1544

2020 [1/12] / USA - He, X., Yang, D., Ma, X., Qiu, C. A modified numerical-flux-based discontinuous Galerkin method for 2D wave propagations in isotropic and anisotropic media [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2020, Roč. 85, č. 5, 257- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2020 [1/12] / USA - Miao, Z., Zhang, J. Reducing error accumulation of optimized finite-difference scheme using the minimum norm [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2020, Roč. 85, č. 5, 275- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2020 [1/12] / neurčené - Li, H., Chang, X. A review of the microseismic focal mechanism research In: Science China Earth Sciences, 2020, Roč. 64, č. 3. - SCIE ; SCO ; WOS CC, 351 - 363

2020 [1/12] / neurčené - Seriani, G., Oliveira, S. P. Numerical modeling of mechanical wave propagation In: Rivista del Nuovo Cimento, 2020, Roč. 43, č. 9. - SCIE ; SCO ; WOS CC, 459 - 514

2020 [1/12] / CZE - Xu, S., Liu, Y. Modeling 3D acoustic-wave propagation using modified cuboid-based staggered-grid finite-difference methods with temporal and spatial high-order accuracy [elektronický dokument] In: Studia Geophysica et Geodaetica: a journal of geophysics, meteorology and climatology, geodesy. Praha: Akademie věd České republiky. Geofyzikální ústav AV ČR, 2020, Roč. 64, č. 4, [tlačená forma] [online]. ISSN 0039-3169. ISSN (online) 1573-1626. - SCIE ; WOS CC, 465 - 482

2021 [1/12] / neurčené - Li, H., Chang, X. A review of the microseismic focal mechanism research In: Science China Earth Sciences, 2021, Roč. 64, č. 3. - SCIE ; SCO ; WOS CC, 351 - 363

- 2020 [1/12] / NLD** - Primofiore, I., Baron, J., Klin, P., Laurenzano, G., Muraro, C., Capotorti, F., Amanti, M., Vessia, G. 3D numerical modelling for interpreting topographic effects in rocky hills for Seismic Microzonation: The case study of Arquata del Tronto hamlet [elektronický dokument] In: Engineering Geology: An International Journal. Amsterdam: Elsevier, 2020, Roč. 279, [tlačená forma] [online]. ISSN 0013-7952. ISSN (online) 1872-6917. - SCIE ; SCO ; WOS CC, Art. No. 105868
- 2016 [1/12] / neurčené** - Chavez, M., Cabrera, E., Garcia, S., Chavez, E., Ashworth, M., Perea, N., Salazar, A. Extreme Magnitude Earthquakes and their Direct Economic Impacts: A Hybrid Approach. BKCI-S Book Citation Index - Science N/A In: Extreme Events: Observations, Modeling, and Economics : Geophysical Monograph Series. Oxford: Blackwell Science Publ., 2016. - SCO ; WOS CC, 219 - 302
- 2018 [1/12] / neurčené** - Tripathi, B. B., Espíndola, D., Pinton, G. F. Estimation of Viscoelastic Properties of Tissue with Arbitrary Power-Law Attenuation. Conference Proceedings Citation Index – Science N/A In: 2018 IEEE International Ultrasonics Symposium (IUS 2018) : Proceedings. New York: Institute of Electrical and Electronics Engineers (IEEE), 2018. - SCO ; WOS CC, Art. No. 8579880
- 2018 [1/12] / USA** - Ma, X., Yang, D., He, X., Li, J., Zheng, Y. A new high-order scheme based on numerical dispersion analysis of the wave phase velocity for semidiscrete wave equations [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2018, Roč. 83, č. 3, 123- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC
- 2017 [1/12] / USA** - Malovichko, M., Khokhlov, N., Yavich, N., Zhdanov, M. Approximate solutions of acoustic 3D integral equation and their application to seismic modeling and full-waveform inversion [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2017, Roč. 346, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 318 - 339
- 2018 [1/12] / IND** - Al-Ghalibi, F. Y., Al-Hadithy, L. RC walls under seismic effects, general review [elektronický dokument] In: International Journal of Civil Engineering and Technology. Tamilnadu: International Association of Engineering and Management Education, 2018, Roč. 9, č. 11, [tlačená forma] [online]. ISSN 0976-6308. ISSN (online) 0976-6316. - SCO, 888 - 916
- 2019 [1/12] / USA** - Zhan, Q., Zhuang, M., Fang, Y., Huo Liu, Q. Discontinuous Galerkin modeling of 3D arbitrary anisotropic Q [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2019, Roč. 84, č. 6, 295- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC
- 2021 [1/12] / GBR** - Khachkova, T., Lisitsa, V., Kolyukhin, D., Reshetova, G. Influence of interfaces roughness on elastic properties of layered media [elektronický dokument] In: Probabilistic Engineering Mechanics. Londýn: Elsevier, 2021, Roč. 66, [tlačená forma] [online]. ISSN 0266-8920. ISSN (online) 1878-4275. - SCIE ; SCO ; WOS CC, Art. No. 103170
- 2020 [1/12] / neurčené** - Akram, J. Understanding Downhole Microseismic Data Analysis: With Applications in Hydraulic Fracture Monitoring [textový dokument (print)] . Cham: Springer, 2020. 1 vyd. - SCO
- 2021 [1/12] / NLD** - Kumari, P. On quasi-seismic wave propagation in highly anisotropic triclinic layer between distinct semi-infinite triclinic geomeia [elektronický dokument] In: Applied Mathematical Modelling: simulation & computation for engineering & environmental systems. Amsterdam: Elsevier, 2021, Roč. 91, [tlačená forma] [online]. ISSN 0307-904X. ISSN (online) 1872-8480. - SCIE ; SCO ; WOS CC, 815 - 836
- 2019 [1/12] / neurčené** - Li, Q., Jia, X., Zhang, W. 3D frequency-domain finite-difference acoustic wave modeling on discontinuous grids In: 81st EAGE Conference and Exhibition 2019 : Proceedings. [Houten]: European Association of Geoscientists & Engineers, 2019. - SCO, 1 - 5
- 2019 [1/12] / neurčené** - Pleshkevich, A., Vishnevskiy, D., Lisitsa, V., Levchenko, V. Parallel algorithm for one-way wave equation based migration for seismic imaging In: 4th Russian Supercomputing Days Conference (RuSCDays 2018) : Communications in Computer and Information Science. Cham: Springer, 2019. - SCO, 125 - 135
- 2018 [1/12] / neurčené** - Jubertie, S., Dupros, F., De Martin, F. Vectorization of a spectral finite-element

numerical kernel In: 4th Workshop on Programming Models for SIMD/Vector Processing (WPMVP 2018) : Proceedings. New York: Association for Computing Machinery (ACM), 2018. - SCO, Art. No. 8

2019 [1/12] / neurčené - Koene, E., Robertsson, J. A finite-difference algorithm to retrieve finite-difference modeled elastic waves at the free surface In: 88th Society of Exploration Geophysicists International Exposition and Annual Meeting (SEG 2018) : Proceedings. [Houston]: Society of Exploration Geophysicists, 2019. - SCO, 3923 - 3927

2021 [1/12] / DEU - Li, L., Tan, J., Zhang, D., Malkoti, A., Abakumov, I., Xie, Y. FDwave3D: a MATLAB solver for the 3D anisotropic wave equation using the finite-difference method [elektronický dokument] In: Computational Geosciences: Modeling, Simulation and Data Analysis. Berlín: Springer Nature. Springer International Publishing AG, 2021, Roč. 25, č. 5, [tlačená forma] [online]. ISSN 1420-0597. ISSN (online) 1573-1499. - SCIE ; SCO ; WOS CC, 1565 - 1578

2021 [1/12] / GBR - Minakov, A., Yarushina, V. Elastoplastic source model for microseismicity and acoustic emission [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2021, Roč. 227, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 33 - 53

2021 [1/12] / USA - Mitter, R. On the pseudospectral method and spectral accuracy [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2021, Roč. 86, č. 3, 127- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2021 [1/12] / USA - Oren, C., Shragge, J. PS energy imaging condition for microseismic data - Part 1: Theory and applications in 3D isotropic media [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2021, Roč. 86, č. 2, [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2021 [1/12] / USA - Oren, C., Shragge, J. PS energy imaging condition for microseismic data - Part 2: Sensitivity analysis in 3D anisotropic media [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2021, Roč. 86, č. 2, [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2021 [1/12] / GBR - Pienkowska, M., Monteiller, V., Nissen-Meyer, T. High-frequency global wavefields for local 3-D structures by wavefield injection and extrapolation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2021, Roč. 225, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1782 - 1798

2021 [1/12] / neurčené - Pleshkevich, A., Lisitsa, V., Vishnevsky, D., Levchenko, V. A multi-level parallel algorithm for seismic imaging based on one-way wave equation migration In: Computers & Mathematics with Applications, 2021, Roč. 97. - SCIE ; WOS CC, 344 - 354

2021 [1/12] / neurčené - Shilko, E. V., Smolin, A. Y., Dimaki, A. V., Eremina, G. M. Particle-Based Approach for Simulation of Nonlinear Material Behavior in Contact Zones In: Multiscale Biomechanics and Tribology of Inorganic and Organic Systems : Springer Tracts in Mechanical Engineering. Cham: Springer, 2021. - SCO, 67 - 89

2019 [1/12] / GBR - Ren, Zhiming, Li, Zhenchun. High-order temporal and implicit spatial staggered-grid finite-difference operators for modelling seismic wave propagation [elektronický dokument]. DOI 10.1093/gji/ggz059 In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 217, č. 2, 844-865 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 844 - 865

2016 [1/20] / GBR - Maufroy, Emeline, Chaljub, Emmanuel, Hollender, Fabrice, Bard, Pierre-Yves, Kristek, Jozef, Moczo, Peter, de Martin, Florent, Theodoulidis, Nikos, Manakou, Maria, Guyonnet-Benaize, Cédric, Hollard, N., Ptilakis, Kyriazis. 3D numerical simulation and ground motion prediction [elektronický dokument]: Verification, validation and beyond: Lessons from the E2VP project. DOI 10.1016/j.soildyn.2016.09.047 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2016, Roč. 91, č. 2016, s. 53-71 [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - CCC ; WOS CC ; SCIE ; CPCIS ; SCO, 53 - 71

2022 [1/20] / USA - Wang, Ning, Xing, Guangchi, Zhu, Tieyuan, Zhou, Hui, Shi, Ying. Propagating

Seismic Waves in VTI Attenuating Media Using Fractional Viscoelastic Wave Equation [elektronický dokument]. DOI 10.1029/2021JB023280 In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2022, Roč. 127, č. 4, art. no. e2021JB023280 [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chybné) 0148-0227. - SCO ; WOS CC ; CCC ; SCIE, art. no. e2021JB023280

2023 [1/20] / GBR - Masson, Yder. Distributional finite-difference modelling of seismic waves [elektronický dokument]. DOI 10.1093/gji/ggac306 In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 233, č. 1, s. 264-296 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 264 - 296

2021 [1/20] / GBR - Wang, Jing, Liu, Yang, Zhou, Hongyu. Acoustic wave propagation with new spatial implicit and temporal high-order staggered-grid finite-difference schemes [elektronický dokument]. DOI 10.1093/jge/gxab053 In: Journal of Geophysics and Engineering. Oxford: Oxford University Press, 2021, Roč. 18, č. 5, s. 808-823 [tlačená forma] [online]. ISSN 1742-2132. ISSN (online) 1742-2140. - SCO ; WOS CC ; CCC ; SCIE, 808 - 823

2022 [1/20] / NLD - Chen, Guiting, Peng, Zhenming, Li, Yalin. A framework for automatically choosing the optimal parameters of finite-difference scheme in the acoustic wave modeling [elektronický dokument]. DOI 10.1016/j.cageo.2021.104948 In: Computers & Geosciences. Amsterdam: Elsevier, 2022, č. 159, art. no. 104948 [tlačená forma] [online]. ISSN 0098-3004. ISSN (online) 1873-7803. - SCO ; SCIE ; CCC ; WOS CC, art. no. 104948

2022 [1/20] / USA - Zhou, Hongyu, Liu, Yang, Wang, Jing. Time–space domain scalar wave modeling by a novel hybrid staggered-grid finite-difference method with high temporal and spatial accuracies [elektronický dokument]. DOI 10.1016/j.jcp.2022.111004 In: Journal of Computational Physics. San Diego : American Academic Press, 2022, č. 455, art. no. 111004 [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCO ; SCIE ; CCC ; WOS CC, art. no. 111004

2022 [1/20] / GBR - Wang, Jing, Liu, Yang, Zhou, Hongyu. A novel equivalent staggered-grid finite-difference scheme and its optimization strategy for variable-density acoustic wave modelling [elektronický dokument]. DOI 10.1080/08123985.2022.2034477 In: Exploration Geophysics. Abingdon: Taylor & Francis Group, 2022, Roč. 53, č. 6, s. 669-682 [tlačená forma] [online]. ISSN 08123985. ISSN (online) 18347533. - SCO ; SCIE ; CCC ; WOS CC, 669 - 682

2022 [1/20] / NLD - Di Michele, Federica, Styahar, Andriy, Pera, Donato, May, Jon, Aloisio, Roberto, Rubino, Bruno, Marcati, Pierangelo. Fault shape effect on SH waves using finite element method [elektronický dokument]. DOI 10.1007/s10950-022-10075-y In: Journal of Seismology. Dordrecht: Springer Nature, 2022, Roč. 26, č. 3, s. 417-437 [tlačená forma] [online]. ISSN 1383-4649. ISSN (online) 1573-157X. - SCO ; SCIE ; CCC ; WOS CC, 417 - 437

2022 [1/20] / USA - Liu, Yang. Removing the stability limit of the time-space domain explicit finite-difference schemes for acoustic modeling with stability condition-based spatial operators [elektronický dokument]. DOI 10.1190/geo2021-0141.1 In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2022, Roč. 87, č. 3, s. T205-T223 [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO ; WOS CC ; CCC ; SCIE, T205 - T223

2022 [1/20] / NLD - Wang, Jing, Liu, Yang, Zhou, Hongyu. High temporal accuracy elastic wave simulation with new time–space domain implicit staggered-grid finite-difference schemes [elektronický dokument]. DOI 10.1111/1365-2478.13244 In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2022, Roč. 70, č. 8, s. 1346-1366 [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCO ; SCIE ; CCC ; WOS CC, 1346 - 1366

2023 [1/20] / CHE - Chen, Guiting, Peng, Zhenming, Li, Yalin. An Efficient Finite-Difference Stencil with High-Order Temporal Accuracy for Scalar Wave Modeling [elektronický dokument]. DOI 10.3390/app13021140 In: Applied sciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2023, Roč. 13, č. 2, art. no. 1140 [online]. ISSN (online) 2076-3417. - SCO ; SCIE ; CCC ; WOS CC, art. no. 1140

2023 [1/20] / CHE - Zhang, Chunlin, Fan, Liyong, Chen, Guiting, Zeng, Xu. Efficient temporal high-order staggered-grid scheme with a dispersion-relation-preserving method for the scalar wave modeling. DOI 10.3389/feart.2023.1141220 In: Frontiers in Earth Science. Lausanne: Frontiers Media, 2023, Roč. 11, art. no. 1141220 [online]. ISSN 2296-6463. - SCO ; SCIE ; CCC ; WOS CC, 1 - 15

2022 [1/20] / USA - Zhou, Hongyu, Liu, Yang, Wang, Jing. Elastic Wave Modeling with High-Order Temporal and Spatial Accuracies by a Selectively Modified and Linearly Optimized Staggered-Grid Finite-Difference Scheme [elektronický dokument]. DOI 10.1109/TGRS.2021.3078626 In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2022, č. 60, art. no. 3000122 [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCO ; SCIE ; CCC ; WOS CC, art. no. 3000122

2021 [1/12] / NLD - Shukla, K., Chan, J., de Hoop, M. V. A high order discontinuous Galerkin method for the symmetric form of the anisotropic viscoelastic wave equation [elektronický dokument] In: Computers and Mathematics with Applications: An International Journal. Amsterdam: Elsevier, 2021, Roč. 99, [tlačená forma] [online]. ISSN 0898-1221. ISSN (online) 1873-7668. - SCIE ; SCO ; WOS CC, 113 - 132

2021 [1/12] / USA - Sun, Y.-C., Zhang, W., Ren, H., Bao, X., Xu, J.-K., Sun, N., Yang, Z., Chen, X. 3D Seismic-Wave Modeling with a Topographic Fluid-Solid Interface at the Sea Bottom by the Curvilinear-Grid Finite-Difference Method [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2021, Roč. 111, č. 5, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2753 - 2779

2021 [1/12] / CHE - Suo, M., Zhang, D., Yang, Y. Application of an Improved Ultrasound Full-Waveform Inversion in Bone Quantitative Measurement [elektronický dokument] In: Symmetry. Bazilej: Multidisciplinary Digital Publishing Institute, 2021, Roč. 13, č. 2, [online]. ISSN (online) 2073-8994. - SCIE ; SCO ; WOS CC, Art. No. 260

2021 [1/12] / GBR - Tchawe, F. N., Gelis, C., Bonilla, L. F., Lopez-Caballero, F. Effects of 2-D random velocity perturbations on 2-D SH short-period ground motion simulations in the basin of Nice, France [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2021, Roč. 226, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 847 - 861

2021 [1/12] / USA - Wang, W., Wen, X., Tang, C., Li, B., Li, L., Wang, W. Variable-order optimal implicit finite-difference schemes for explicit time-marching solutions to wave equations [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2021, Roč. 86, č. 2, 91- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2021 [1/12] / CHE - Yang, S.-B., Zhou, B., Bai, C.-Y. A Generalized 2.5-D Time-Domain Seismic Wave Equation to Accommodate Various Elastic Media and Boundary Conditions [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2021, Roč. 178, č. 8, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 2999 - 3025

2021 [1/12] / neurčené - Zhou, H., Liu, Y., Wang, J. Acoustic finite-difference modeling beyond conventional Courant-Friedrichs-Lewy stability limit: Approach based on variable-length temporal and spatial operators [elektronický dokument]. Emerging Sources Citation Index N/A In: Earthquake Science, 2021, Roč. 34, č. 2. ISSN 16744519. ISSN (online) 18678777. - SCO ; WOS CC, 123 - 136

2021 [1/20] / CHE - Novikov, M., Lisitsa, V., Khachkova, T., Reshetova, G., Vishnevsky, D. Numerical Algorithm of Seismic Wave Propagation and Seismic Attenuation Estimation in Anisotropic Fractured Porous Fluid-Saturated Media [elektronický dokument]. Conference Proceedings Citation Index – Science N/A In: Computational Science and Its Applications: 21st International Conference: Proceedings. Cham: Springer Nature. Springer, 2021, [tlačená forma] [online]. ISBN 978-3-030-86652-5. ISBN (online) 978-3-030-86653-2. - SCO ; WOS CC, 434 - 448

2021 [1/20] / USA - Xu, J., Hu, H., Liu, Q. H. Combination of FDTD With Analytical Methods for Simulating Elastic Scattering of 3-D Objects Outside a Fluid-Filled Borehole [elektronický dokument] In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2021, Roč. 59, č. 6, [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCIE ; SCO ; WOS CC, 5325 - 5334

2021 [1/20] / USA - Zang, N., Zhang, W., Chen, X. An overset-grid finite-difference algorithm for simulating elastic wave propagation in media with complex free-surface topography [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration

Geophysicists, 2021, Roč. 84, č. 4, 277- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC

2021 [1/20] / USA - Ren, Z., Bao, Q., Gu, B. Time-dispersion correction for arbitrary even-order Lax-Wendroff methods and the application on full-waveform inversion [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2021, Roč. 86, č. 5, 361- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2021 [1/20] / USA - Konuk, T., Shragge, J. Tensorial elastodynamics for anisotropic media [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2021, Roč. 86, č. 4, 293- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC

2021 [1/20] / CHN - Ren, Z., Dai, X., Bao, Q., Cai, X., Liu, Y. Time and space dispersion in finite difference and its influence on reverse time migration and full-waveform inversion In: Diqiu wuli xuebao. Peking: Science press, 2021, Roč. 64, č. 11, [tlačená forma]. ISSN 0001-5733. - SCIE ; SCO ; WOS CC, 4166 - 4180

2022 [1/20] / GBR - Zhong, W., Liu, T. A Mesh Grading Technique for Near-fault Seismic Wave Propagation in Large Velocity-contrast Viscoelastic Earth Media [elektronický dokument] In: Journal of Earthquake Engineering. Abingdon: Taylor & Francis Group, 2022, Roč. 26, č. 3, s. 1388-1415 [tlačená forma] [online]. ISSN 1363-2469. ISSN (online) 1559-808X. - SCIE ; SCO ; WOS CC, 1388 - 1415

2022 [1/20] / GBR - Wu, M., Jiang, Y., Ge, Y. A High Accuracy Local One-Dimensional Explicit Compact Scheme for the 2D Acoustic Wave Equation [elektronický dokument] In: Advances in Mathematical Physics. Londýn: Hindawi Publishing Corporation, 2022, Roč. 2022, [tlačená forma] [online]. ISSN 1687-9120. ISSN (online) 1687-9139. - SCIE ; SCO ; WOS CC, art. no. 9743699

2022 [1/20] / USA - Wang, K., Wang, Y., Song, X., Tong, P., Liu, Q., Yang, Y. Full-Waveform Inversion of High-Frequency Teleseismic Body Waves Based on Multiple Plane-Wave Incidence: Methods and Practical Applications [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2022, Roč. 112, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 118 - 132

2022 [1/20] / CHN - Li, C., Wang, H., Wen, R., Qiang, S., Ren, Y. 3D finite-difference numerical simulation of ground motion in Japan Nami M7.4 earthquake, March 16, 2022 In: Earthquake Engineering and Engineering Dynamics. [s.l.]: Editorial office of Earthquake Engineering and Engineering Dynamics, 2022, Roč. 42, č. 5, [tlačená forma]. ISSN 1000-1301. - SCO, 9 - 17

2022 [1/20] / POL - Li, Q., Wu, G. Elastic full waveform inversion based on equivalent staggered grid FDM and inter-parameter trade-off mitigation [elektronický dokument] In: Acta Geophysica. Varšava: Springer Nature. Springer International Publishing AG, 2022, Roč. 70, č. 6, [tlačená forma] [online]. ISSN 1895-6572. ISSN (online) 1895-7455. - SCIE ; SCO ; WOS CC, 2555 - 2579

2023 [1/20] / GBR - Bhaumik, M., Naskar, T. Dispersive staggered grid finite difference modelling of Rayleigh waves [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2023, č. 165, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, art. no. 107698

2023 [1/20] / GBR - Fan, Z., Cheng, F., Liu, J., Han, B., Zheng, Y. A finite-difference method for stress modelling based on wave propagation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 233, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 2279 - 2294

2022 [1/20] / USA - Jacquelin, M., Araya-Polo, M., Meng, J. Scalable Distributed High-Order Stencil Computations. Conference Proceedings Citation Index – Science N/A In: 2022 International Conference for High Performance Computing, Networking, Storage and Analysis. New York: Institute of Electrical and Electronics Engineers. IEEE Computer Society, 2022, [tlačená forma] [online]. ISBN 9781665454445. - SCO ; WOS CC, 1 - 13

2022 [1/20] / USA - Yuan, S., Zhang, Z., Ren, H., Zhang, W., Song, X., Chen, X. Finite-Difference Modeling and Characteristics Analysis of Love Waves in Anisotropic-Viscoelastic Media [elektronický

dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2022, Roč. 112, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 23 - 47

2022 [1/20] / USA - Pitarka, A., Graves, R., Irikura, K., Miyakoshi, K., Wu, C., Kawase, H., Rodgers, A., McCallen, D. Refinements to the Graves-Pitarka Kinematic Rupture Generator, Including a Dynamically Consistent Slip-Rate Function, Applied to the 2019 Mw 7.1 Ridgecrest Earthquake [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2022, Roč. 112, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 287 - 306

2022 [1/20] / SGP - Golubev, V., Shevchenko, A., Khokhlov, N., Petrov, I., Malovichko, M. Compact Grid-Characteristic Scheme for the Acoustic System with the Piece-Wise Constant Coefficients [elektronický dokument] In: International Journal of Applied Mechanics. Singapur: World Scientific Publishing, 2022, Roč. 14, č. 2, [tlačená forma] [online]. ISSN 1758-8251. ISSN (online) 1758-826X. - SCIE ; SCO ; WOS CC, art. no. 2250002

2022 [1/20] / USA - Miao, Z., Zhang, J. Optimizing finite-difference scheme in multidirections on rectangular grids based on the minimum norm [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2022, Roč. 87, č. 4, 41- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2022 [1/20] / GBR - Anquez, P., Glinsky, N., Cupillard, P., Caumon, G. Impacts of geometric model simplifications on wave propagation-application to ground motion simulation in the lower Var valley basin (France) [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2022, Roč. 229, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 110 - 137

2022 [1/20] / USA - Tang, J., Zhou, H., Jiang, C., Xia, M., Chen, H., Zheng, J. A Perfectly Matched Layer Technique Applied to Lattice Spring Model in Seismic Wavefield Forward Modeling for Poisson's Solids [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2022, Roč. 112, č. 2, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 608 - 621

2022 [1/20] / GBR - Koene, E. F. M., Wittsten, J., Robertsson, J. O. A. Finite-difference modelling of 2-D wave propagation in the vicinity of dipping interfaces: a comparison of anti-aliasing and equivalent medium approaches [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2022, Roč. 229, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 70 - 96

2022 [1/20] / USA - Vanga, M., Barman, D., Ojha, M. An optimized finite-difference method to minimize numerical dispersion of acoustic wave propagation using a genetic algorithm [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2022, Roč. 87, č. 3, 265- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2022 [1/20] / USA - Zhang, L., Zhang, J. Local wavefield refinement using Fourier interpolation and boundary extrapolation for finite-element method based on domain reduction method [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2022, Roč. 87, č. 3, 251- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2022 [1/20] / NLD - Wang, J., Liu, Y., Zhou, H. A new linear optimized time-space domain spatial implicit and temporal high-order finite-difference scheme for scalar wave modeling [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2022, Roč. 201, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, art. no. 104637

2022 [1/20] / GBR - Di Michele, F., May, J., Pera, D., Kastelic, V., Carafa, M., Smerzini, C., Mazzieri, I., Rubino, B., Antonietti, P. F., Quarteroni, A., Aloisio, R., Marcati, P. Článok [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2022, Roč. 230, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 29 - 49

2022 [1/20] / USA - Cao, W., Li, Q., Zhang, J., Zhang, W. Accelerating 2D and 3D frequency-domain

seismic wave modeling through interpolating frequency-domain wavefields by deep learning [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2022, Roč. 87, č. 4, 315- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2022 [1/20] / USA - Ramos, M. D., Thakur, P., Huang, Y., Harris, R. A., Ryan, K. J. Working with Dynamic Earthquake Rupture Models: A Practical Guide [elektronický dokument] In: Seismological Research Letters. Albany: Seismological Society of America, 2022, Roč. 93, č. 4, [tlačená forma] [online]. ISSN 0895-0695. ISSN (online) 1938-2057. - SCIE ; SCO ; WOS CC, 2096 - 2110

2022 [1/20] / CHE - Ji, Z., Li, Z., Chen, X., Li, T., Wu, Q., Zhang, B., Li, Q., Huang, T. Uncertainties in Prediction of Near-Fault Long-Period Ground Motion: An Application to the 1970 Tonghai Earthquake (Ms 7.8) [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2022, Roč. 179, č. 8, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 2637 - 2660

2022 [1/20] / SGP - Antonietti, P. F., Botti, M., Mazzieri, I. On Mathematical and Numerical Modelling of Multiphysics Wave Propagation with Polytopal Discontinuous Galerkin Methods: a Review [elektronický dokument]. Emerging Sources Citation Index N/A In: Vietnam Journal of Mathematics. Singapur: Springer Nature, 2022, Roč. 50, č. 4, [tlačená forma] [online]. ISSN 2305-221X. ISSN (online) 2305-2228. - SCO ; WOS CC, 997 - 1028

2022 [1/20] / USA - Mazzieri, I., Muhr, M., Stupazzini, M., Wohlmuth, B. Elasto-acoustic modeling and simulation for the seismic response of structures: The case of the Tahtali dam in the 2020 Izmir [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2022, Roč. 466, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, art. no. 111411

2023 [1/20] / CHE - Yust, M. B. S., Cox, B. R., Vantassel, J. P. P., Hubbard, P. G. G., Boehm, C., Krischer, L. Near-Surface 2D Imaging via FWI of DAS Data: An Examination on the Impacts of FWI Starting Model. Emerging Sources Citation Index N/A In: Geosciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2023, Roč. 13, č. 3, [online]. ISSN 2076-3263. - SCO ; WOS CC, art. no. 63

2023 [1/20] / GBR - Yang, H., Fu, L.-Y., Li, H., Du, Q., Zheng, H. 3D acoustoelastic FD modeling of elastic wave propagation in prestressed solid media [elektronický dokument] In: Journal of Geophysics and Engineering. Oxford: Oxford University Press, 2023, Roč. 20, č. 2, [tlačená forma] [online]. ISSN 1742-2132. ISSN (online) 1742-2140. - SCIE ; SCO ; WOS CC, 297 - 311

2023 [1/20] / USA - Zhang, T., Trad, D., Innanen, K. Learning to solve the elastic wave equation with Fourier neural operators [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2023, Roč. 88, č. 3, 101- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO

2023 [1/20] / GBR - Pearce, E., Booth, A. D., Rost, S., Sava, P., Konuk, T., Bourne, A., Hubbard, B., Jones, I. Characterising ice slabs in firn using seismic full waveform inversion, a sensitivity study [elektronický dokument] In: Journal of Glaciology. Cambridge: Cambridge University Press, 2023, Roč. 69, č. 277, [tlačená forma] [online]. ISSN 0022-1430. ISSN (online) 1727-5652. - SCO, 1419 - 1433

2023 [1/20] / NLD - Solov'yev, S., Novikov, M., Lisitsa, V. A numerical investigation of wave-induced fluid flows in anisotropic fractured porous media [elektronický dokument] In: Computers and Mathematics with Applications: An International Journal. Amsterdam: Elsevier, 2023, Roč. 140, s. 78-88 [tlačená forma] [online]. ISSN 0898-1221. ISSN (online) 1873-7668. - SCIE ; SCO ; WOS CC, 78 - 88

2023 [1/20] / GBR - Wang, W., Zhang, Z., Zhang, W., Liu, Q. Implementation of efficient low-storage techniques for 3-D seismic simulation using the curved grid finite-difference method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 234, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 2214 - 2230

2023 [1/20] / GBR - Hu, N., Zhang, W., Xu, J., Yang, H., Li, Y. P- and S-wave energy current density vectors dot product imaging condition of source time-reversal imaging [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 234, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 2180 - 2198

2023 [1/20] / GBR - Xu, Q., Wang, Y. Determination of the viscoelastic parameters for the generalized viscoelastic wave equation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 233, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 875 - 884

2023 [1/20] / CHN - Wang, J., Liu, Y., Zhou, H. Temporal and spatial high-order accuracy implicit finite-difference method for modeling acoustic wave equation on rectangular staggered-grid In: Diqu wuli xuebao. Peking: Science press, 2023, Roč. 66, č. 1, [tlačená forma]. ISSN 0001-5733. - SCIE ; WOS CC, 368 - 382

2016 [1/20] / COL - Aristizábal-Tique, V. H., Flórez-Velásquez, C. A., Pérez-Echavarría, S., Rincón-Fulla, M., Palacio-Bedoya, J. L., Ramírez-Velásquez, I. M., Vélez-Hoyos, F. J. Study of surface movement of a shallow-multilayered soil under P-waves [Estudio del movimiento superficial de un suelo multi-capas poco profundo sometido a ondas P] [elektronický dokument] In: Dyna: Revista de la Facultad de Minas. Medellín: Universidad Nacional de Colombia. Facultad de Minas, 2016, Roč. 83, č. 199, [tlačená forma]. ISSN 0012-7353. ISSN (online) 2346-2183. - SCO, 118 - 123

2018 [1/20] / CHN - Zhang, T., Han, L., Zhang, P., Hu, Y., Bo, M. Fast time domain full waveform inversion based on self-Adaptive step OBFGS algorithm In: Wutan Huatan Jisuan Jishu. [s.l.]: Wutan Huatan Jisuan Jishu, 2018, Roč. 40, č. 1, [tlačená forma] [online]. ISSN 1001-1749. - SCO, 1 - 7

2020 [1/20] / USA - Zhu, M., Wang, Z., Yu, D., Li, Y. Solution of finite difference method based on improved quantum particle swarm optimization In: Society of Exploration Geophysicists International Exhibition and 90th Annual Meeting. Houston: The Society of Exploration Geophysicists, 2020, [tlačená forma] [online]. - SCO, 2729 - 2733

2023 [1/20] / USA - Masson, Yder, Virieux, Jean. P-SV-wave propagation in heterogeneous media: Velocity-stress distributional finite-difference method [elektronický dokument]. DOI 10.1190/GEO2022-0118.1 In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2023, Roč. 88, č. 3, s. 165-183 [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO ; SCIE ; CCC ; WOS CC, 165 - 183

2024 [1/20] / USA - Ensminger, Dale, Bond, Leonard J. Ultrasonics [textový dokument (print)] [elektronický dokument] : Fundamentals, Technologies, and Applications. Boca Raton: Taylor & Francis Group. CRC Press, 2024. 4. vyd. ISBN 9780367252816. ISBN 9781000994957. DOI 10.1201/9780429286964. - SCO

2024 [1/20] / GBR - Jiang, Luqian, Zhang, Wei. Efficient implementation of equivalent medium parametrization in finite-difference seismic wave simulation methods [elektronický dokument]. DOI 10.1093/gji/ggae286 In: Geophysical Journal International. Oxford: Oxford University Press, 2024, Roč. 239, č. 1, s. 675-693 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; SCIE ; CCC, 675 - 693

2024 [1/20] / GBR - Ortiz, Fabián, Pastén, César, Bustos, José, Ruiz, Sergio, Astroza, Rodrigo, Easton, Gabriel. Soil amplification in the Santiago city, Chile, due to shallow crustal earthquakes [elektronický dokument]. DOI 10.1016/j.soildyn.2024.108633 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2024, Roč. 181, art. no. 108633 [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCO ; WOS CC ; CCC ; SCIE, art. no. 108633

2024 [1/20] / USA - Chen, Hanming, Chen, Keji, Wang, Lingqian, Zhou, Hui, Zhang, Hongliang, Sun, Wenbo. An Efficient Immersed Free Surface Boundary Method for 3-D Scalar Seismic Waves Finite-Difference Modeling in Presence of Topography [elektronický dokument]. DOI 10.1109/TGRS.2024.3385239 In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2024, Roč. 62, art. no. 5910612, s. 1-12 [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCO ; WOS CC ; SCIE ; CCC, art. no. 5910612 - 12

2023 [1/20] / USA - Sun, Xiaodong, Daniel, Sseguija, Li, Aowei, Zhao, Liang, Xue, Pengjie. Least-squares RTM in nonorthogonal coordinates and applications to VTI media [elektronický dokument]. DOI 10.1007/s11770-023-1069-0 In: Applied Geophysics. New York: Springer Nature, 2023, Roč. 20, č. 3, s. 291-298 [tlačená forma] [online]. ISSN 16727975. ISSN (online) 19930658. - SCO ; WOS CC ; SCIE, 291 - 298

2023 [1/20] / GBR - Miao, Zhongzheng, Zhang, Jinhai. Direct implementation of discontinuous-grid finite-difference method using multiple point sources method and dynamic wavefield injection [elektronický dokument]. DOI 10.1093/gji/ggad234 In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 234, č. 3, s. 2292-2306 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 2292 - 2306

2024 [1/20] / DEU - Muhammed, Hussein, Zhenchun, Li, Mula, A. H.G. Exploring the pre-stack LSRTM methods: wavefield solutions in the pseudodepth domain [elektronický dokument]. DOI 10.1007/s40808-023-01880-6 In: Modeling earth systems and environment. Heidelberg: Springer Nature. Springer, 2024, Roč. 10, č. 2, s. 2187-2199 [tlačená forma] [online]. ISSN 2363-6203. ISSN (online) 2363-6211. - SCO ; WOS CC ; ESCI, 2187 - 2199

2024 [1/20] / NLD - Li, Ruiqi, Zhang, Yijie, Liu, Naihao, Gao, Jinghui. A nodal discontinuous Galerkin method for wave propagation in coupled acoustic–elastic media [elektronický dokument]. DOI 10.1111/1365-2478.13520 In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2024, Roč. 72, č. 6, s. 2282-2299 [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCO ; WOS CC ; CCC ; SCIE, 2282 - 2299

2024 [1/20] / DEU - Jin, Chao, Zhou, Bing, Riahi, Mohamed Kamel, Zemerly, Mohamed Jamal. A generalized time-domain velocity-stress seismic wave equation for composite viscoelastic media with a topographic relief and an irregular seabed [elektronický dokument]. DOI 10.1007/s10596-024-10273-2 In: Computational Geosciences: Modeling, Simulation and Data Analysis. Berlin: Springer Nature. Springer International Publishing AG, 2024, Roč. 28, č. 3, s. 355-371 [tlačená forma] [online]. ISSN 1420-0597. ISSN (online) 1573-1499. - SCO ; WOS CC ; CCC ; SCIE, 355 - 371

2023 [1/20] / SGP - Antonietti, Paola F., Cauzzi, Carlo, Mazzieri, Ilario, Melas, Laura, Stupazzini, Marco. Numerical Simulation of the Athens 1999 Earthquake Including Simplified Models of the Acropolis and the Parthenon [elektronický dokument]: Initial Results and Outlook. DOI 10.1007/978-981-99-3679-3_2 In: Mathematical Modeling in Cultural Heritage. Singapur: Springer Nature. Springer, 2023, s. 11-30 [tlačená forma] [online]. ISBN 978-981-99-3681-6. ISBN 978-981-99-3678-6. ISBN (online) 978-981-99-3679-3. - SCO, 11 - 30

2023 [1/20] / USA - Miao, Zhongzheng, Zhang, Jinhai. An optimal spatial-filtering method derived from eigenvalue perturbation for extending the Courant-Friedrichs-Lewy stability limit [elektronický dokument]. DOI 10.1190/geo2022-0636.1 In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2023, Roč. 88, č. 4, s. T227-T236 [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO ; WOS CC ; CCC ; SCIE, 227 - 236

2024 [1/20] / SGP - Yun, Nam, Sim, Chol, Kim, Ju Won. A Splitting Nearly-Analytic Symplectic Partitioned Runge-Kutta Method for Solving 2D Elastic Wave Equations [elektronický dokument]. DOI 10.1142/S0219876223500287 In: International journal of computational methods. Singapur: WORLD SCIENTIFIC PUBL CO PTE LTD, 2024, Roč. 21, č. 2, art. no. 2350028 [tlačená forma] [online]. ISSN 0219-8762. ISSN (online) 1793-6969. - SCO ; WOS CC ; SCIE, art. no. 2350028

2024 [1/20] / NLD - Zakarewicz, Guilherme, Maciel, Susanne Tainá Ramalho, da Cunha, Luciano Soares. Systematic literature review on seismic diffraction imaging [elektronický dokument]. DOI 10.1016/j.earscirev.2024.104792 In: Earth-Science Reviews: international magazine for geo-scientist. Amsterdam: Elsevier, 2024, č. 254, art. no. 104792 [tlačená forma] [online]. ISSN 0012-8252. ISSN (online) 1872-6828. - SCO ; WOS CC ; CCC ; SCIE, art. no. 104792

2024 [1/20] / GBR - Schade, Malte, Bösch, Cyrill, Hapla, Václav, Fichtner, Andreas. A quantum computing concept for 1-D elastic wave simulation with exponential speedup [elektronický dokument]. DOI 10.1093/gji/ggae160 In: Geophysical Journal International. Oxford: Oxford University Press, 2024, Roč. 238, č. 1, s. 321-333 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 321 - 333

2024 [1/20] / CHE - Someya, Masayoshi, Watada, Shingo, Furumura, Takashi. 2D FDM Simulation of Seismic Waves and Tsunamis Based on Improved Coupling Equations Under Gravity [elektronický dokument]. DOI 10.1007/s00024-024-03468-2 In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2024, Roč. 181, č. 4, s. 1053-1073 [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCO ; WOS CC ; CCC ; SCIE, 1053 - 1073

2024 [1/20] / USA - Bhaumik, Mrinal, Naskar, Tarun. Active Sourced Wavefield Modeling for Layered

Half-Space [elektronický dokument]. DOI 10.1061/JGGEFK.GTENG-12763 In: Journal of geotechnical and geoenvironmental engineering. Reston: The American Society of Civil Engineers, 2024, Roč. 150, č. 11, art. no. 04024111 [tlačená forma] [online]. ISSN 1090-0241. ISSN (online) 1943-5606. - SCO ; WOS CC ; CCC ; SCIE, art. no. 04024111

2024 [1/20] / USA - Kubo, Hisahiko, Naoi, Makoto, Kano, Masayuki. Recent advances in earthquake seismology using machine learning [elektronický dokument]. DOI 10.1186/s40623-024-01982-0 In: Earth, Planets and Space. New York: Springer Nature, 2024, Roč. 76, č. 1, art. no. 36 [tlačená forma] [online]. ISSN 1343-8832. ISSN (online) 1880-5981. - SCO ; WOS CC ; CCC ; SCIE, art. no. 36

2024 [1/20] / NLD - He, Chen, Chen, Jing Bo. A 17-point composite average-derivative optimal method for high-accuracy frequency-domain scalar wave modeling [elektronický dokument]. DOI 10.1016/j.jappgeo.2023.105269 In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2024, č. 220, art. no. 105269 [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCO ; WOS CC ; CCC ; SCIE, art. no. 105269

2024 [1/20] / NLD - Khalili, M., Göransson, P., Hesthaven, J. S., Pasanen, A., Vauhkonen, M., Lähivaara, T. Monitoring of water volume in a porous reservoir using seismic data [elektronický dokument]: A 3D simulation study. DOI 10.1016/j.jappgeo.2024.105453 In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2024, č. 229, art. no. 105453 [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCO ; WOS CC ; CCC ; SCIE, art. no. 105453

2024 [1/20] / GBR - Wang, Zijun, Zhao, Boming, Wan, Bo. Seismic hazard prediction of the Hunhe Fault in the Shen-Fu New District [elektronický dokument]. DOI 10.1038/s41598-024-64946-0 In: Scientific reports. Londýn: Springer Nature. Nature Publishing Group, 2024, Roč. 14, č. 1, art. no. 14678 [online]. ISSN (online) 2045-2322. - SCO ; WOS CC ; CCC ; SCIE, art. no. 14678

2023 [1/20] / NLD - Gadylyshin, Kirill, Lisitsa, Vadim, Vishnevsky, Dmitry, Gadylyshina, Kseniya. Hausdorff-distance-based training dataset construction for numerical dispersion mitigation neural network [elektronický dokument]. DOI 10.1016/j.cageo.2023.105438 In: Computers & Geosciences. Amsterdam: Elsevier, 2023, č. 180, art. no. 105438 [tlačená forma] [online]. ISSN 0098-3004. ISSN (online) 1873-7803. - SCO ; WOS CC ; CCC ; SCIE, art. no. 105438

2023 [1/20] / GBR - Bhaumik, Mrinal, Naskar, Tarun. Higher-order thin layer method (HTLM) based wavefield modeling approach [elektronický dokument]. DOI 10.1016/j.soildyn.2023.108125 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2023, č. 173, art. no. 108125 [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCO ; WOS CC ; CCC ; SCIE, art. no. 108125

2023 [1/20] / USA - Khokhlov, N. I., Petrov, I. B. High-Order Grid-Characteristic Method for Systems of Hyperbolic Equations with Piecewise Constant Coefficients [elektronický dokument]. DOI 10.1134/S001226612307011X In: Differential Equations. New York: Nauka Publishers. MAIK Nauka/Interperiodica. Pleiades Publishing, 2023, Roč. 59, č. 7, s. 985-997 [tlačená forma] [online]. ISSN 0012-2661. ISSN (online) 1608-3083. - SCO ; WOS CC ; SCIE, 985 - 997

2023 [1/20] / CHN - Zhou, Hong Yu, Liu, Yang, Wang, Jing. Two exact first-order k-space formulations for low-rank viscoacoustic wave propagation on staggered grids [elektronický dokument]. DOI 10.1016/j.petsci.2022.10.012 In: Petroleum Science. Peking: KEAI publishing, 2023, Roč. 20, č. 3, s. 1521-1531 [tlačená forma] [online]. ISSN 16725107. ISSN (online) 19958226. - SCO ; WOS CC ; SCIE, 1521 - 1531

2024 [1/20] / POL - He, Chen, Chen, Jing Bo. New weighted coefficients of the average-derivative modeling method based on global optimization algorithms [elektronický dokument]. DOI 10.1007/s11600-023-01114-4 In: Acta Geophysica. Varšava: Springer Nature. Springer International Publishing AG, 2024, Roč. 72, č. 2, s. 619-636 [tlačená forma] [online]. ISSN 1895-6572. ISSN (online) 1895-7455. - SCO ; WOS CC ; CCC ; SCIE, 619 - 636

2023 [1/20] / DEU - Wu, Mengling, Wang, Zhi, Ge, Yongbin. High-order compact difference schemes based on the local one-dimensional method for high-dimensional nonlinear wave equations [elektronický dokument]. DOI 10.1007/s10596-023-10226-1 In: Computational Geosciences: Modeling, Simulation and Data Analysis. Berlín: Springer Nature. Springer International Publishing AG, 2023, Roč. 27, č. 4, s. 687-705 [tlačená forma] [online]. ISSN 1420-0597. ISSN (online) 1573-1499. - WOS CC ; SCO ; CCC ; SCIE, 687 - 705

2024 [1/20] / GBR - Khachkova, Tatyana, Lisitsa, Vadim, Reshetova, Galina. Effect of interface roughness on the elastic properties of 3D layered media [elektronický dokument]. DOI 10.1016/j.pro bengmech.2023.103571 In: Probabilistic Engineering Mechanics. Londýn: Elsevier, 2024, č. 75, art. no. 103571 [tlačená forma] [online]. ISSN 0266-8920. ISSN (online) 1878-4275. - SCO ; WOS CC ; CCC ; SCIE, art. no. 103571

2023 [1/20] / GBR - Morrison, Oisín, Destrade, Michel, Tripathi, Bharat B. An atlas of the heterogeneous viscoelastic brain with local power-law attenuation synthesised using Prony-series [elektronický dokument]. DOI 10.1016/j.actbio.2023.07.040 In: Acta Biomaterialia. Oxford: Elsevier, 2023, č. 169, s. 66-87 [tlačená forma] [online]. ISSN 1742-7061. ISSN (online) 1878-7568. - SCO ; WOS CC ; CCC ; SCIE, 66 - 87

2024 [1/20] / USA - Miao, Zhongzheng, Zhang, Jinhai. Simplified implicit finite-difference method of spatial derivative using explicit schemes with optimized constant coefficients based on L 1 norm [elektronický dokument]. DOI 10.1190/geo2023-0246.1 In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2024, Roč. 89, č. 2, s. T47-T59 [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO ; WOS CC ; SCIE ; CCC, 47 - 59

2024 [1/20] / USA - He, Xijun, Huang, Xueyuan, Yang, Dinghui, Huang, Jiandong, Zhou, Yanjie. Discontinuous Galerkin Method With a Novel Physics-Informed Flux for Elastic Wave Simulations in Heterogeneous Media [elektronický dokument]. DOI 10.1109/TGRS.2024.3429541 In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2024, Roč. 62, art. no. 4509011 [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCO ; WOS CC ; CCC ; SCIE, art. no. 4509011

2024 [1/20] / USA - Shan, Baodi, Araya-Polo, Mauricio. Evaluation of Programming Models and Performance for Stencil Computation on GPGPUs. DOI 10.1109/IPDPSW63119.2024.00198 In: 2024 IEEE International Parallel and Distributed Processing Symposium Workshops. Piscataway: Institute of Electrical and Electronics Engineers, 2024, s. 1178-1180 [tlačená forma] [online]. ISBN 979-8-3503-6461-3. ISBN 979-8-3503-6460-6. - SCO ; WOS CC ; CPCI-S, 1178 - 1180

2024 [1/20] / CHE - Gondyul, Elena, Gadylshin, Kirill, Lisitsa, Vadim, Vishnevsky, Dmitry. NDM-Net and Model Changes [elektronický dokument]. DOI 10.1007/978-3-031-65238-7_18 In: Computational Science and Its Applications: ICCSA 2024 Workshops. Cham: Springer Nature. Springer, 2024, s. 263-275 [tlačená forma] [online]. ISBN 978-3-031-65237-0. ISBN (online) 978-3-031-65238-7. - SCO ; WOS CC ; CPCI-S, 263 - 275

2024 [1/20] / CHE - Shan, Baodi, Araya-Polo, Mauricio, Chapman, Barbara. Evaluation of Directive-Based Programming Models for Stencil Computation on Current GPGPU Architectures [elektronický dokument]. DOI 10.1007/978-3-031-72567-8_9 In: Advancing OpenMP for Future Accelerators: 20th International Workshop on OpenMP. Cham: Springer Nature. Springer, 2024, s. 126-140 [tlačená forma] [online]. ISBN 978-3-031-72566-1. ISBN (online) 978-3-031-72567-8. - SCO, 126 - 140

2021 [1/20] / USA - Di Michele, F., Pera, D., May, J., Kastelic, V., Carafa, M., Styahar, A., Rubino, B., Aloisio, R., Marcati, P. On the possible use of the not-honoring method to include a real thrust into 3D physical based simulations. DOI 10.1109/ICCSA54496.2021.00044 In: Computational Science and Its Applications 2021: 21st International Conference. New York: Springer Nature, 2021, s. 268-275 [tlačená forma] [online]. ISBN 9781665458436. - SCO ; WOS CC ; CPCI-S, 268 - 275

AAB Vedecké monografie vydané v domácích vydavatelstvách

Počet výstupov: 1

AAB_001 / Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (45%) - Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (40%) - Halada, Ladislav (Autor) (15%): The finite-difference method for seismologists [textový dokument (print)] [elektronický dokument] : An introduction. – 1. vyd. – Bratislava (Slovensko) : Univerzita Komenského v Bratislave, 2004. – 150 s. [tlačená forma] [online] : text, tab., obr. – [recenzované]. – ISBN 80-223-2000-5

Počet všetkých autorov: 3

[monografia (do 2021)][Publikácia je odporúčaným študijným materiálom pre predmety zamerané na fyziku (geofyziku). Svojím charakterom spĺňa aj kritériá na pedagogické dielo (VŠ učebnica, učebné texty).]

Lit.: 132

[OV 092 Vedy o Zemi a vesmíre]

Ohlasy (35):

2006 [3/12] / neurčené - Brokešová, J. Asymptotic Ray Method in Seismology: a Tutorial [textový dokument (print)] . Prague: MatfyzPress, 2006. 1 vyd., 155

2007 [3/12] / neurčené - de la Puente, J. Seismic wave simulation for complex rheologies on unstructured meshes [textový dokument (print)] . München: Ludwig-Maximilians-Universität, 2007. 1 vyd., 172

2007 [1/12] / GBR - de la Puente, J., Kaser, M., Dumbser, M., Igel, H. An arbitrary high-order discontinuous Galerkin method for elastic waves on unstructured meshes - 4. Anisotropy [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2007, Roč. 169, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1210 - 1228

2007 [1/12] / GBR - Dumbser, M., Kaser, M., de la Puente, J. Arbitrary high-order finite volume schemes for seismic wave propagation on unstructured meshes in 2D and 3D [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2007, Roč. 171, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 665 - 694

2007 [1/12] / neurčené - Gallovic, F., Barsch, R., de la Puente, J., Igel, H. Digital library for computational seismology In: EOS, 2007, Roč. 88, č. 50. - SCO, 559

2007 [1/12] / USA - Haney, M. M. Generalization of von Neumann analysis for a model of two discrete half-spaces: The acoustic case [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2007, Roč. 72, č. 5, [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2007 [1/12] / GBR - Kaser, M., Dumbser, M., de la Puente, J., Igel, H. An arbitrary high-order discontinuous Galerkin method for elastic waves on unstructured meshes - 3. Viscoelastic attenuation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2007, Roč. 168, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 224 - 242

2007 [1/12] / GBR - Peter, D., Tape, C., Boschi, L., Woodhouse, J. H. Surface wave tomography: Global membrane waves and adjoint methods [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2007, Roč. 171, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1098 - 1117

2008 [1/12] / GBR - Vavrycuk, V. Real ray tracing in anisotropic viscoelastic media [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2008, Roč. 175, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 617 - 626

2010 [1/12] / neurčené - Chavez, M., Cabrera, E., Madariaga, R., Chen, H., Perea, N., Emerson, D., Salazar, A., Ashworth, M., Moulinec, Ch., Li, X., Wu, M., Zhao, G. Low-frequency 3D wave propagation modeling of the 12 May 2008 M-w 7.9 Wenchuan earthquake In: Bulletin of the Seismological Society of America, 2010, Roč. 100, č. 5. - SCIE ; WOS CC, 2561 - 2573

2010 [1/12] / USA - Macpherson, K. A., Woolery, E. W., Wang, Z. M., Liu, P. C. Three-dimensional long-period groundmotion simulations in the upper Mississippi embayment [elektronický dokument] In: Seismological Research Letters. Albany: Seismological Society of America, 2010, Roč. 81, č. 2, [tlačená forma] [online]. ISSN 0895-0695. ISSN (online) 1938-2057. - SCIE ; SCO ; WOS CC, 391 - 405

2010 [1/12] / GBR - Vavrycuk, V. Behaviour of rays at interfaces in anisotropic viscoelastic media [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2010, Roč. 181, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1665 - 1677

2011 [1/12] / neurčené - Prieto, F. U., Munoz, J. J. B., Corvinos, L. G., Casino, E. S., Acevedo, A. C. Estudio de la estabilidad y dispersion del problema de propagacion de ondas sismicas en 2-D utilizando el metodo de diferencias finitas generalizadas In: Revista Internacional de Metodos Numericos para Calculo y Diseno en Ingenieria, 2011, Roč. 27, č. 4. - SCIE ; SCO ; WOS CC, 269 - 277

2011 [1/12] / neurčené - Urena, F., Benito, J. J., Salete, E., Gavete, L. Seismic wave propagation and

perfectly matched layers using a GFDM. Conference Proceedings Citation Index – Science N/A In: Computational Science and Its Applications : Lecture Notes in Computer Science. Berlin: Springer, 2011. - SCO ; WOS CC, 676 - 691

2012 [1/12] / GBR - Assimaki, D., Kallivokas, L. F., Kang, J. W., Li, W., Kucukcoban, S. Time-domain forward and inverse modeling of lossy soils with frequency-independent Q for near-surface applications [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2012, Roč. 43, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 139 - 159

2012 [1/12] / neurčené - Lai, C. G., Oezcebe, A. G. In-situ measurement of damping ratio spectra from the inversion of phase velocities of P and S waves in cross-hole seismic testing. Conference Proceedings Citation Index – Science N/A In: Advances in Transportation Geotechnics 2. Boca Raton: CRC Press, 2012. - SCO ; WOS CC, 578 - 582

2012 [1/12] / NLD - Toyokuni, G., Takenaka, H. Accurate and efficient modeling of global seismic wave propagation for an attenuative Earth model including the center [elektronický dokument] In: Physics of the Earth and Planetary Interiors: a journal devoted to observational and experimental studies of the earth and planetary interiors and their theoretical interpretation by the physical sciences. Amsterdam: Elsevier, 2012, Roč. 200-201, [tlačená forma] [online]. ISSN 0031-9201. ISSN (online) 1872-7395. - SCIE ; SCO ; WOS CC, 45 - 55

2013 [1/12] / HRV - Narayan, J. P., Kumar, V. A fourth-order accurate finite-difference program for the simulation of SH-wave propagation in heterogeneous viscoelastic medium [elektronický dokument] In: Geofizika. Zagreb: Geofizički zavod, 2013, Roč. 30, č. 2, [tlačená forma] [online]. ISSN 0352-3659. ISSN (online) 1846-6346. - SCIE ; SCO ; WOS CC, 173 - 189

2013 [1/12] / GBR - Yasui, T., Hasegawa, K., Hirayama, K. Implementation of free-surface condition for finite-difference time-domain method using a staggered grid with the collocated grid points of velocities [elektronický dokument] In: Japanese Journal of Applied Physics. Tokyo: Japan Society of Applied Physics, 2013, Roč. 52, č. 7, [tlačená forma] [online]. ISSN 0021-4922. ISSN (online) 1347-4065. - SCIE ; SCO ; WOS CC, Art. No. 07HD07

2014 [1/12] / neurčené - Hasym, I. B., Sudarmaji, Sismanto, Walu. A comparison of second-order and high-order of finite difference staggered-grid method in 2D P-SV wave propagation modelling using graphics processing unit. Conference Proceedings Citation Index – Science N/A In: 2014 International Conference on Physics. Amsterdam: Atlantis Press, 2014. - SCO ; WOS CC, 62 - 67

2014 [1/12] / neurčené - Huang, Y., Ampuero, J.-P., Helmberger, D. V. Earthquake ruptures modulated by waves in damaged fault zones In: Journal of Geophysical Research: Solid Earth, 2014, Roč. 119, č. 4. - SCIE ; SCO ; WOS CC, 3133 - 3154

2014 [1/12] / DEU - Narayan, J. P., Sahar, D. Three-dimensional viscoelastic finite-difference code and modelling of basement focusing effects on ground motion characteristics [elektronický dokument] In: Computational Geosciences: Modeling, Simulation and Data Analysis. Berlin: Springer Nature. Springer International Publishing AG, 2014, Roč. 18, č. 6, [tlačená forma] [online]. ISSN 1420-0597. ISSN (online) 1573-1499. - SCIE ; SCO ; WOS CC, 1023 - 1047

2014 [1/12] / GBR - Peyrusse, F., Glinsky, N., Gelis, C., Lanteri, S. A nodal discontinuous Galerkin method for site effects assessment in viscoelastic media-verification and validation in the Nice basin [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2014, Roč. 199, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 315 - 334

2014 [1/12] / DEU - Rojas, O., Otero, B., Castillo, J. E., Day, S. M. Low dispersive modeling of Rayleigh waves on partly staggered grids [elektronický dokument] In: Computational Geosciences: Modeling, Simulation and Data Analysis. Berlin: Springer Nature. Springer International Publishing AG, 2014, Roč. 18, č. 1, [tlačená forma] [online]. ISSN 1420-0597. ISSN (online) 1573-1499. - SCIE ; SCO ; WOS CC, 29 - 437

2014 [1/12] / POL - Shiuly, A., Kumar, V., Narayan, J. P. Computation of ground motion amplification in Kolkata megacity (India) using finite-difference method for seismic microzonation [elektronický dokument] In: Acta Geophysica. Varšava: Springer Nature. Springer International Publishing AG, 2014, Roč. 62, č. 3, [tlačená forma] [online]. ISSN 1895-6572. ISSN (online) 1895-7455. - SCIE ; SCO ; WOS CC, 425 - 450

2015 [1/12] / GBR - Abreu, R., Stich, D., Morales, J. The Complex-Step-Finite-Difference method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2015, Roč. 202, č. 1, [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 72 - 93

2015 [1/12] / GBR - Liang, W.-Q., Wang, Y.-F., Yang, C.-C. Comparison of numerical dispersion for finite-difference algorithms in transversely isotropic media with a vertical symmetry axis [elektronický dokument] In: Journal of Geophysics and Engineering. Oxford: Oxford University Press, 2015, Roč. 202, č. 1, [tlačaná forma] [online]. ISSN 1742-2132. ISSN (online) 1742-2140. - SCIE ; SCO ; WOS CC, 108 - 113

2016 [1/12] / neurčené - Zehner, B., Hellwig, O., Linke, M., Gorz, I., Buske, S. Rasterizing geological models for parallel finite difference simulation using seismic simulation as an example In: Computers and Geosciences, 2016, Roč. 86. - SCIE ; SCO ; WOS CC, 83 - 91

2017 [1/12] / GBR - Ding, Y., Zheng, Y., Zhou, H.-W., Howell, M., Hu, H., Zhang, Y. Propagation of Gaussian wave packets in complex media and application to fracture characterization [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 210, č. 2, [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, Art. No. ggx226

2018 [1/12] / NLD - Yuan, S., Song, X., Cai, W., Hu, Y. Analysis of attenuation and dispersion of Rayleigh waves in viscoelastic media by finite-difference modeling [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2018, Roč. 148, [tlačaná forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, 115 - 126

2019 [1/12] / neurčené - Tripathi, B. B., Espindola, D., Pinton, G. F. Piecewise parabolic method for propagation of shear shock waves in relaxing soft solids: One-dimensional case [elektronický dokument] In: International Journal for Numerical Methods in Biomedical Engineering, 2019, Roč. 35, č. 5, [tlačaná forma]. ISSN 2040-7939. ISSN (online) 2040-7947. - SCIE ; SCO ; WOS CC, Art. No. e3187

2019 [1/12] / CHE - Ding, Y., Zhou, H.-W., Zheng, Y., Wo, Y. Synthesis of Directional Wave Packets from Shot Records [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2019, Roč. 176, č. 10, [tlačaná forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 4321 - 4333

2018 [1/12] / neurčené - Burschil, T., Krawczyk, C. M., Hellwig, O. A fracture zone masks a cavity for shear waves In: 24th European Meeting of Environmental and Engineering Geophysics. [Houten]: European Association of Geoscientists and Engineers (EAGE), 2018. - SCO, 1 - 5

2019 [1/12] / neurčené - Alalade, M., Lahmer, T., Wuttke, F. Identification of damaged regions in dynamically loaded dams. Conference Proceedings Citation Index – Science N/A In: 6th International Symposium on Life-Cycle Civil Engineering (IALCCE 2018) : Life-Cycle Analysis and Assessment in Civil Engineering: Towards an Integrated Vision. Boca Raton: CRC Press, 2019. - SCO ; WOS CC, 1159 - 1166

2019 [1/12] / neurčené - Burjáněk J., Kleinbrod, U., Fah, D. Modeling the Seismic Response of Unstable Rock Mass With Deep Compliant Fractures In: Journal of Geophysical Research: Solid Earth, 2019, Roč. 124, č. 12. - SCIE ; SCO ; WOS CC, 13039 - 13059

ABB Štúdie charakteru vedeckej monografie v časopisoch a zborníkoch vydané v domácich vydavateľstvách

Počet výstupov: 1

ABB_001 / Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (33%) - Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (28%) - Gális, Martin (Autor) [Výskumný pracovník - výskumník] [UKOMFKAFZM] (17%) - Pažák, Peter (Autor) [Interný doktorand] [UKOMFKAFZM] (17%) - Balažovjeh, Martin (Autor) [Interný doktorand] [UKOMFKAFZM] (5%): The finite-difference and finite-element modeling of seismic wave propagation and earthquake motion. – text, obr. – [recenzované]. – DOI 10.2478/v10155-010-0084-x. – SCO ; WOS CC ; SCIE ; CCC

In: *Acta Physica Slovaca* [textový dokument (print)] [elektronický dokument] : journal for experimental and theoretical physics. – Bratislava (Slovensko) : Slovenská akadémia vied. Pracoviská SAV. Fyzikálny

ústav. – ISSN 0323-0465. – ISSN (online) 1336-040X. – Roč. 57, č. 2 (2007), s. 177-406 [tlačená forma] [online]

Počet všetkých autorov: 5

[článok][Publikácia je odporúčaným študijným materiálom pre predmety zamerané na fyziku (geofyzika).

Svojím charakterom spĺňa aj kritériá na pedagogické dielo (VŠ učebnica, učebné texty).]

Lit.: 203

[OV 091 Fyzika - OV 092 Vedy o Zemi a vesmíre]

Ohlasy (129):

2007 [3/12] / neurčené - de la Puente, J. Článok In: Seismic wave simulation for complex rheologies on unstructured meshes. München : Ludwig-Maximilians-Universität, 2007, 2007, 172

2008 [1/12] / NLD - Douglas, J., Aochi, H. A Survey of Techniques for Predicting Earthquake Ground Motions for Engineering Purposes [elektronický dokument] In: Surveys in Geophysics: an international review journal of geophysics and planetary sciences: an International Review Journal Covering the Entire Field of Geosciences and Related Areas. [Amsterdam]: Springer Nature, 2008, Roč. 29, č. 3, [tlačená forma] [online]. ISSN 0169-3298. ISSN (online) 1573-0956. - SCIE ; SCO ; WOS CC, 187 - 220

2008 [1/12] / USA - Käser, M., Dumbser, M. A highly accurate discontinuous Galerkin method for complex interfaces between solids and moving fluids [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2008, Roč. 73, č. 3, 23- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2008 [1/12] / GBR - Käser, M., Hermann, V., de la Puente, J. Quantitative accuracy analysis of the discontinuous Galerkin method for seismic wave propagation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2008, Roč. 173, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 990 - 999

2008 [1/12] / GBR - Rojas, O., Day, S., Castillo, J., Dalguer, L. A. Modelling of rupture propagation using high-order mimetic finite differences [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2008, Roč. 172, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 631 - 650

2008 [1/12] / GBR - Vavrycuk, V. Real ray tracing in anisotropic viscoelastic media [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2008, Roč. 175, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 617 - 626

2009 [1/12] / neurčené - Caserta, A., Ruggiero, V., Busico, M. P., Oprsal, I. Parallelisation technique for serial 3D seismic codes: SMS approach In: Annals of Geophysics, 2009, Roč. 52, č. 5. - SCIE ; SCO ; WOS CC, 505 - 516

2009 [1/12] / neurčené - Cui, Y., Olsen, K., Chourasia, A., Moore, R., Jordan, T., Maechling, P. 7. The TeraShake computational platform for large-scale earthquake simulations In: Lecture Notes in Earth Sciences, 2009, Roč. 119. - BKCI-S ; SCO ; WOS CC, 229 - 277

2010 [1/12] / GBR - Etienne, V., Chaljub, E., Virieux, J., Glinsky, N. An hp-adaptive discontinuous Galerkin finite-element method for 3-D elastic wave modelling [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2010, Roč. 183, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 941 - 962

2010 [1/12] / GBR - Pelties, C., Käser, M., Hermann, V., Castro, C. E. Regular versus irregular meshing for complicated models and their effect on synthetic seismograms [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2010, Roč. 183, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1031 - 1051

2010 [1/12] / GBR - Bielak, J., Graves, R. W., Olsen, K. B., Taborda, R., Ramirez-Guzman, L., Day, S. M., Ely, G. P., Roten, D., Jordan, T. H., Maechling, P. J., Urbanic, J., Cui, Y. F., Juve, G. The ShakeOut earthquake scenario: Verification of three simulation sets [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2010, Roč. 180, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 375 - 404

2011 [1/12] / neurčené - Fichtner, A. Full seismic waveform modelling and inversion : Advances in Geophysical and Environmental Mechanics and Mathematics [textový dokument (print)] . Berlin: Springer, 2011. 1 vyd. - BKCI-S ; WOS CC, 1

- 2011 [1/12] / USA** - Dhemaied, A., Rejiba, F., Camerlynck, C., Bodet, L., Guerin, R. Seismic-Wave propagation modeling in viscoelastic media using the auxiliary differential equation method [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2011, Roč. 101, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 413 - 420
- 2009 [1/12] / NLD** - Toyokuni, G., Takenaka, H. ACE-A FORTRAN subroutine for analytical computation of effective grid parameters for finite-difference seismic waveform modeling with standard Earth models [elektronický dokument] In: Computers & Geosciences. Amsterdam: Elsevier, 2009, Roč. 35, č. 3, [tlačená forma] [online]. ISSN 0098-3004. ISSN (online) 1873-7803. - SCIE ; SCO ; WOS CC, 635 - 643
- 2011 [1/12] / GBR** - Hermann, V., Kaser, M., Castro, C. E. Non-conforming hybrid meshes for efficient 2-D wave propagation using the Discontinuous Galerkin Method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2011, Roč. 184, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 746 - 758
- 2009 [1/12] / GBR** - Rojas, O., Dunham, E. M., Day, S. M., Dalguer, L. A., Castillo, J. E. Finite difference modelling of rupture propagation with strong velocity-weakening friction [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2009, Roč. 179, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1831 - 1858
- 2009 [1/12] / neurčené** - Cui, Y. F., Moore, R., Olsen, K., Chourasia, A., Maechling, P., Minster, B., Day, S., Hu, Y. F., Zhu, J., Jordan, T. Toward petascale earthquake simulations [elektronický dokument] In: Acta Geotechnica, 2009, Roč. 4, č. 2. ISSN 18611125. ISSN (online) 18611133. - SCIE ; SCO ; WOS CC, 79 - 93
- 2009 [1/12] / neurčené** - de la Puente, J., Ampuero, J. P., Kaser, M. Dynamic rupture modeling on unstructured meshes using a discontinuous Galerkin method In: Journal of Geophysical Research B: Solid Earth, 2009, Roč. 114, č. 10. - SCIE ; SCO ; WOS CC, Art. No. B10302
- 2009 [1/12] / USA** - Harris, R. A., Barall, M., Archuleta, R., Dunham, E., Aagaard, B., Ampuero, J. P., Bhat, H., Cruz-Atienza, V., Dalguer, L., Dawson, P., Day, S., Duan, B., Ely, G., Kaneko, Y., Kase, Y., Lapusta, N., Liu, Y., Ma, S., Oglesby, D., Olsen, K., Pitarka, A., Song, S., Templeton, E. The SCEC/USGS dynamic earthquake rupture code verification exercise [elektronický dokument] In: Seismological Research Letters. Albany: Seismological Society of America, 2009, Roč. 80, č. 1, [tlačená forma] [online]. ISSN 0895-0695. ISSN (online) 1938-2057. - SCIE ; SCO ; WOS CC, 119 - 126
- 2009 [1/12] / GBR** - Chaillat, S., Bonnet, M., Semblat, J. F. A new fast multi-domain BEM to model seismic wave propagation and amplification in 3-D geological structures [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2009, Roč. 177, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 509 - 531
- 2009 [1/12] / neurčené** - Oprsal, I., Matyska, C., Irikura, K. The source-box wave propagation hybrid methods: general formulation and implementation In: structuresGeophysical Journal International, 2009, Roč. 176, č. 2. - SCIE ; SCO ; WOS CC, 555 - 564
- 2009 [1/12] / USA** - Pei, Z.-L., Fu, L.-Y., Yu, G.-X., Zhang, L.-X. A wavelet-optimized adaptive grid method for finite-difference simulation of wave propagation [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2009, Roč. 99, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 302 - 313
- 2010 [1/12] / neurčené** - Hermann, V., Pham, N. D., Fichtner, A., Kremers, S., Huang, L., Johnson, P., Larmat, C., Bunge, H. P., Igel, H. Advances in modelling and inversion of seismic wave propagation In: High Performance Computing in Science and Engineering, Garching/Munich 2009. Berlin: Springer, 2010. - CPCI-S ; WOS CC, 293 - 306
- 2010 [1/12] / GBR** - Vavrycuk, V. Behaviour of rays at interfaces in anisotropic viscoelastic media [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2010, Roč. 181, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1665 - 1677
- 2014 [1/12] / DEU** - Rojas, O., Otero, B., Castillo, J. E., Day, S. M. Low dispersive modeling of Rayleigh

waves on partly staggered grids [elektronický dokument] In: Computational Geosciences: Modeling, Simulation and Data Analysis. Berlín: Springer Nature. Springer International Publishing AG, 2014, Roč. 18, č. 1, [tlačená forma] [online]. ISSN 1420-0597. ISSN (online) 1573-1499. - SCIE ; SCO ; WOS CC, 29 - 43

2011 [1/12] / GBR - Skarlatoudis, A. A., Papazachos, C. B., Theodoulidis, N. Spatial distribution of site effects and wave propagation properties in Thessaloniki (N. Greece) using a 3-D finite difference method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2011, Roč. 185, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 485 - 513

2012 [1/12] / USA - Skarlatoudis, A. A., Papazachos, C. B., Theodoulidis, N. Site-response study of Thessaloniki (Northern Greece) for the 4 July 1978 M 5.1 aftershock of the June 1978 M 6.5 sequence using a 3D finite-difference approach [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2012, Roč. 102, č. 2, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 722 - 737

2014 [1/12] / USA - De la Puente, J., Ferrer, M., Hanzich, M., Castillo, J. E., Cela, J. M. Mimetic seismic wave modeling including topography on deformed staggered grids [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2014, Roč. 79, č. 3, 125- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2014 [1/12] / USA - Bu, F., Lin, J., Reitich, F. A fast and high-order method for the three-dimensional elastic wave scattering problem [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2014, Roč. 258, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 856 - 870

2014 [1/12] / NLD - Ham, S., Lai, B., Bathe, K. J. The method of finite spheres for wave propagation problems In: Computers & Structures: Solids • Structures • Fluids • Multiphysics. Amsterdam: Elsevier, 2014, Roč. 142, [tlačená forma]. ISSN 0045-7949. - SCIE ; SCO ; WOS CC, 1 - 14

2013 [1/12] / GBR - Long, G., Zhao, Y., Zou, J. A temporal fourth-order scheme for the first-order acoustic wave equations [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2013, Roč. 194, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1473 - 1485

2013 [1/12] / neurčené - Manolis, G. D., Makra, K., Dineva, P. S., Rangelov, T. V. Seismic motions in a non-homogeneous soil deposit with tunnels by a hybrid computational technique In: Earthquakes and Structures, 2013, Roč. 5, č. 2. - SCIE ; SCO ; WOS CC, 161 - 205

2013 [1/12] / CHE - Aochi, H., Ducellier, A., Dupros, F., Delatre, M., Ulrich, T., de Martin, F., Yoshimi, M. Finite difference simulations of seismic wave propagation for the 2007 Mw 6.6 Niigata-ken Chuetsu-Oki earthquake: Validity of models and reliable input ground motion in the near-field [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2013, Roč. 170, č. 1-2, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 43 - 64

2013 [1/12] / neurčené - Aochi, H., Ulrich, T., Ducellier, A., Dupros, F., Michea, D. Finite difference simulations of seismic wave propagation for understanding earthquake physics and predicting ground motions: Advances and challenges In: Journal of Physics: Conference Series, 2013, Roč. 454, č. 1. - CPCI-S ; SCO ; WOS CC, Art. No. 012010

2014 [1/12] / neurčené - Chang, K. H., Tsaur, D. H., Wang, J. H. Ground motions around a semi-circular valley partially filled with an inclined alluvial layer under SH-polarized excitation In: Earth Planets and Space, 2014, Roč. 66. - SCIE ; SCO ; WOS CC, Art. No. 53

2014 [1/12] / neurčené - Mitsuhashi, K., Schoonover, R. W., Huang, C., Wang, L. V., Anastasio, M. A. Investigation of effective system designs for transcranial photoacoustic tomography of the brain In: Photons plus Ultrasound: Imaging and Sensing 2014 : Proceedings of SPIE. Bellingham: Spie-Int Soc Optical Engineering, 2014. - CPCI-S ; SCO ; WOS CC, Art. No. 894369

2011 [1/12] / USA - Ichimura, T., Hori, M., Wijerathne, M. L. L. Linear finite elements with orthogonal

discontinuous basis functions for explicit earthquake ground motion modeling [elektronický dokument] In: International Journal for Numerical Methods in Engineering. [s.l.]: John Wiley & Sons, 2011, Roč. 86, č. 3, [tlačená forma] [online]. ISSN 0029-5981. ISSN (online) 1097-0207. - SCIE ; SCO ; WOS CC, 286 - 300

2011 [1/12] / neurčené - Hori, M., Ichimura, T., Wijerathne, L. On some recent achievements of earthquake simulation In: Proceedings of the International Conference on Computational Science (ICCS) : Procedia Computer Science. Amsterdam: Elsevier, 2011. - CPCI-S ; SCO ; WOS CC, 2344 - 2353

2011 [1/12] / neurčené - Pelties, C., Käser, M. Dynamic rupture modelling on unstructured meshes using a discontinuous Galerkin method In: ECCOMAS Thematic Conference - COMPDYN 2011: 3rd International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering. Athens: GRACAM, 2011. - SCO

2011 [1/12] / neurčené - Prieto, F. U., Munoz, J. J. B., Corvinos, L. G., Casino, E. S., Acevedo, A. C. Estudio de la estabilidad y dispersion del problema de propagacion de ondas sismicas en 2-D utilizando el metodo de diferencias finitas generalizadas In: Revista Internacional de Metodos Numericos para Calculo y Diseno en Ingenieria, 2011, Roč. 27, č. 4. - SCIE ; SCO ; WOS CC, 269 - 277

2011 [1/12] / POL - Rudzinski, L., Debski, W. Extending the double-difference location technique to mining applications part I: Numerical study [elektronický dokument] In: Acta Geophysica. Varšava: Springer Nature. Springer International Publishing AG, 2011, Roč. 59, č. 4, [tlačená forma] [online]. ISSN 1895-6572. ISSN (online) 1895-7455. - SCIE ; SCO ; WOS CC, 785 - 814

2011 [1/12] / neurčené - Taborda, R., Bielak, J. Large-Scale Earthquake simulation: Computational seismology and complex engineering systems In: Computing in Science and Engineering, 2011, Roč. 13, č. 4. - SCIE ; SCO ; WOS CC, 14 - 26

2011 [1/12] / neurčené - Urena, F., Benito, J. J., Salete, E., Gavete, L. Seismic wave propagation and perfectly matched layers using a GFDM In: Computational Science and Its Applications : Lecture Notes in Computer Science. Berlin: Springer, 2011. - CPCI-S ; SCO ; WOS CC, 676 - 691

2011 [1/12] / neurčené - Urena Prieto, F., Benito Munoz, J. J., Gavete Corvinos, L., Salete Casino, E., Casas Acevedo, A. Stability and dispersion of the problem of seismic wave propagation in 2-D using the generalized finite difference method In: Revista Internacional de Metodos Numericos para Calculo y Diseno en Ingenieria, 2011, Roč. 27, č. 4. - SCIE ; WOS CC, 269 - 277

2012 [1/12] / neurčené - Pelties, C., de la Puente, J., Ampuero, J. P., Brietzke, G. B., Kaeser, M. Three-dimensional dynamic rupture simulation with a high-order discontinuous Galerkin method on unstructured tetrahedral meshes In: Journal of Geophysical Research-Solid Earth, 2012, Roč. 117. - SCIE ; SCO ; WOS CC, Art. No. B02309

2012 [1/12] / neurčené - Tago, J., Cruz-Atienza, V. M., Virieux, J., Etienne, V., Sanchez-Sesma, F. J. A 3D hp-adaptive discontinuous Galerkin method for modeling earthquake dynamics In: Journal of Geophysical Research B, 2012, Roč. 117, č. 9. - SCIE ; SCO ; WOS CC, Art. No. B09312

2012 [1/12] / neurčené - Unat, D., Zhou, J., Cui, Y., Baden, S. B., Cai, X. Accelerating a 3D finite-difference earthquake simulation with a C-to-CUDA translator In: Computing in Science and Engineering, 2012, Roč. 14, č. 3. - SCIE ; SCO ; WOS CC, 48 - 59

2013 [1/12] / NLD - Benito, J. J., Urena, F., Gavete, L., Salete, E., Muelas, A. A GFDM with PML for seismic wave equations in heterogeneous media [elektronický dokument] In: Journal of Computational and Applied Mathematics. Amsterdam: Elsevier, 2013, Roč. 252, [tlačená forma] [online]. ISSN 0377-0427. ISSN (online) 1879-1778. - SCIE ; SCO ; WOS CC, 40 - 51

2013 [1/12] / neurčené - De La Puente, J., Ferrer, M., Castillo, J., Gutierrez, N., Cela, J. Elastic mimetic finite-differences in the presence of topography In: 75th European Association of Geoscientists and Engineers Conference and Exhibition 2013 Incorporating SPE EUROPEC 2013: Changing Frontiers, 2013. Houten: EAGE, 2013. - SCO, 1785 - 1789

2013 [1/12] / USA - Kozdon, J. E., Dunham, E. M., Nordstrom, J. Simulation of dynamic earthquake ruptures in complex geometries using high-order finite difference methods [elektronický dokument] In: Journal of Scientific Computing. New York: Springer Nature, 2013, Roč. 55, č. 1, [tlačená forma] [online]. ISSN 0885-7474. ISSN (online) 1573-7691. - SCIE ; SCO ; WOS CC, 92 - 124

2013 [1/12] / neurčené - Trampert, J., Fichtner, A. Global Imaging of the Earth's Deep Interior: Seismic Constraints on (An)isotropy, Density and Attenuation In: Physics and Chemistry of the Deep Earth, 2013, 2013. - SCO, 324 - 350

2013 [1/12] / neurčené - Wang, W., Zhang, B. An Efficient spectral boundary integral equation method for the simulation of earthquake rupture problems In: Integral Equations, Boundary Value Problems and Related Problem. Singapore: World Scientific, 2013. - CPCI-S ; SCO ; WOS CC, 75 - 85

2014 [1/12] / GBR - Hsu, M. S., Tsaur, D. H. Scattering of SH waves by a truncated semi-elliptic canyon [elektronický dokument] In: Journal of Mechanics. Oxford: Oxford University Press, 2014, Roč. 30, č. 2, [tlačená forma] [online]. ISSN 1727-7191. ISSN (online) 1811-8216. - SCIE ; SCO ; WOS CC, 137 - 144

2014 [1/12] / USA - Huthwaite, P. Accelerated finite element elastodynamic simulations using the GPU [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2014, Roč. 257, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 687 - 707

2014 [1/12] / NLD - Rubio, F., Hanzich, M., Farres, A., de la Puente, J., Maria Cela, J. Finite-difference staggered grids in GPUs for anisotropic elastic wave propagation simulation [elektronický dokument] In: Computers & Geosciences. Amsterdam: Elsevier, 2014, Roč. 70, [tlačená forma] [online]. ISSN 0098-3004. ISSN (online) 1873-7803. - SCIE ; SCO ; WOS CC, 181 - 189

2014 [1/12] / neurčené - Zdanowski, P., Gorniak, M. Dim and bright spots as indicators of the Zechstein Main Dolomite hydrocarbon reservoir in Poland In: Interpretation-A Journal of Subsurface Characterization, 2014, Roč. 2, č. 4. - SCIE ; SCO ; WOS CC

2021 [1/12] / NLD - Makra, Konstantia, Rovithis, Emmanouil, Riga, Evi, Raptakis, Dimitrios, Pitilakis, Kyriazis. Amplification features and observed damages in İzmir (Turkey) due to 2020 Samos (Aegean Sea) earthquake: identifying basin effects and design requirements [elektronický dokument]. DOI 10.1007/s10518-021-01148-3 In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2021, Roč. 19, č. 12, s. 4773-4804 [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCO ; WOS CC ; CCC, 4773 - 4804

2016 [1/12] / NLD - Makra, K., Chavez-Garcia, F. J. Site effects in 3D basins using 1D and 2D models: an evaluation of the differences based on simulations of the seismic response of Euroseistest [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2016, Roč. 14, č. 4, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 1177 - 1194

2018 [1/12] / GBR - Riga, E., Makra, K., Pitilakis, K. Investigation of the effects of sediments inhomogeneity and nonlinearity on aggravation factors for sedimentary basins [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2018, Roč. 110, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 284 - 299

2016 [1/12] / GBR - Yang, P., Brossier, R., Metivier, L., Virieux, J. A review on the systematic formulation of 3-D multiparameter full waveform inversion in viscoelastic medium [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 207, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 129 - 149

2016 [1/12] / USA - Yang, P., Brossier, R., Metivier, L., Virieux, J. Wavefield reconstruction in attenuating media: A checkpointing-assisted reverse-forward simulation method [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2016, Roč. 81, č. 6, 349- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2019 [1/12] / GBR - Zhou, H., Chang, Y. Stochastic finite-fault method controlled by the fault rupture process and its application to the Ms 7.0 Lushan Earthquake [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2019, Roč. 126, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, Art. No. 105782

2015 [1/12] / NLD - Manolis, G., Parvanova, S., Makra, K., Dineva, P. Seismic response of buried metro tunnels by a hybrid FDM-BEM approach [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2015, Roč. 13, č. 7, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 1953 - 1977

2016 [1/12] / GBR - Riga, E., Makra, K., Pitilakis, K. Aggravation factors for seismic response of sedimentary basins: A code-oriented parametric study [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2016, Roč. 91, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 116 - 132

2019 [1/12] / neurčené - Zhu, C.B., Thambiratnam, D., Gallage, C. Inherent Characteristics of 2D Alluvial Formations Subjected to In-Plane Motion In: Journal of Earthquake Engineering, 2019, Roč. 23, č. 9. - SCIE ; SCO ; WOS CC, 1512 - 1530

2020 [1/12] / neurčené - Zhu, C.B., Riga, E., Pitilakis, K., Zhang, J., Thambiratnam, D. Seismic Aggravation in Shallow Basins in Addition to One-dimensional Site Amplification In: Journal of Earthquake Engineering, 2020, Roč. 24, č. 9. - SCIE ; SCO ; WOS CC, 1477 - 1499

2015 [1/12] / neurčené - Ferrer, M., de la Puente, J., Farres, A., Castillo, J. E. 3D viscoelastic anisotropic seismic modeling with high-order mimetic finite differences In: Spectral and High Order Methods for Partial Differential Equations : Lecture Notes in Computational Science and Engineering. Berlin: Springer, 2015. - CPCI-S ; SCO ; WOS CC, 217 - 225

2022 [1/20] / GBR - Aji, D. B. H., Wuttke, F., Dineva, P. 3D structure-soil-structure interaction in an arbitrary layered half-space [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2022, č. 159, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, art. no. 107352

2015 [1/12] / neurčené - Chen, P. AnelasticWave Propagation (AWP) In: Full-3d Seismic Waveform Inversion: Theory, Software and Practice : Springer Geophysics. Berlin: Springer, 2015. - BKCI-S ; SCO ; WOS CC, 15 - 90

2016 [1/12] / USA - Lisitsa, V., Tcheverda, V., Botter, C. Combination of the discontinuous Galerkin method with finite differences for simulation of seismic wave propagation [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2016, Roč. 311, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 142 - 157

2016 [1/12] / USA - Yang, D., He, X., Ma, X., Zhou, Y., Li, J. An optimal nearly analytic discrete-weighted Runge-Kutta discontinuous Galerkin hybrid method for acoustic wavefield modeling [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2016, Roč. 81, č. 5, 251- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2017 [1/12] / USA - Watanabe, K., Pisano, F., Jeremic, B. Discretization effects in the finite element simulation of seismic waves in elastic and elastic-plastic media [elektronický dokument] In: Engineering with computers. New York: Springer Nature. Springer Verlag, 2017, Roč. 33, č. 3, [tlačená forma] [online]. ISSN 0177-0667. ISSN (online) 1435-5663. - SCIE ; WOS CC, 519 - 545

2015 [1/12] / USA - Kostin, V., Lisitsa, V., Reshetova, G., Tcheverda, V. Local time-space mesh refinement for simulation of elastic wave propagation in multi-scale media [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2015, Roč. 281, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 669 - 689

2019 [1/12] / neurčené - Yousefi, H., Farjoodi, J., Mahmoudzadeh Kani, I. Adaptive simulation of wave propagation problems including dislocation sources and random media In: Frontiers Of Structural And Civil Engineering, 2019, Roč. 13, č. 5. - SCIE ; SCO ; WOS CC, 1054 - 1081

2015 [1/12] / neurčené - Chang, K. H., Tsaur, D. H., Wang, J. H. Response of a shallow asymmetric V-shaped canyon to antiplane elastic waves In: Proceedings of the Royal Society A-Mathematical Physical and Engineering Sciences, 2015, Roč. 471, č. 2174. - SCIE ; SCO ; WOS CC, Art. No. 20140215

2021 [1/20] / USA - Haindl, C., Leng, K., Nissen-Meyer, T. A 3D complexity-adaptive approach to explore sparsity in elastic wave propagation [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2021, Roč. 86, č. 5, 321- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC

2018 [1/12] / GBR - Gatti, F., Lopez-Caballero, F., Clouteau, D., Paolucci, R. On the effect of the 3-D regional geology on the seismic design of critical structures: the case of the Kashiwazaki-Kariwa Nuclear Power Plant [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2018, Roč. 213, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 1073 - 1092

2019 [1/12] / NLD - Ruan, B., Zhao, K., Wang, S. Y., Chen, G. X., Wang, H. Y. Numerical modeling of seismic site effects in a shallow estuarine bay (Suai Bay, Shantou, China) [elektronický dokument]. DOI 10.1016/j.enggeo.2019.105233 In: Engineering Geology: An International Journal. Amsterdam: Elsevier, 2019, Roč. 260, [tlačená forma] [online]. ISSN 0013-7952. ISSN (online) 1872-6917. - SCIE ; SCO ; WOS CC, Art. No. UNSP

2018 [1/12] / GBR - Zhu, C., Chavez-Garcia, F. J., Thambiratnam, D., Gallage, C. Quantifying the edge-induced seismic aggravation in shallow basins relative to the 1D SH modelling [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2018, Roč. 115, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 402 - 412

2014 [1/12] / neurčené - Zhang, C., Li, X., Ma, X., Song, G. A Runge-Kutta method with using eighth-order nearly-analytic spatial discretization operator for solving a 2D acoustic wave equation In: Journal of Seismic Exploration, 2014, Roč. 23, č. 3. ISSN 09630651. - SCIE ; SCO ; WOS CC, 279 - 302

2018 [1/12] / DEU - Shi, F., Lowe, M. J. S., Skelton, E. A., Craster, R. V. A time-domain finite element boundary integral approach for elastic wave scattering [elektronický dokument] In: Computational Mechanics: theory and application. Berlin: Springer Nature. Springer Verlag, 2018, Roč. 61, č. 4, [tlačená forma]. ISSN 0178-7675. ISSN (online) 1432-0924. - SCIE ; SCO ; WOS CC, 471 - 483

2015 [1/12] / neurčené - Zhang, C., Chen, L. A Symplectic Partitioned Runge-Kutta Method Using the Eighth-Order Nab Operator for Solving the 2d Elastic Wave Equation In: Journal of Seismic Exploration, 2015, Roč. 24, č. 3. ISSN 09630651. - SCIE ; SCO ; WOS CC, 205 - 230

2015 [1/12] / USA - Barall, M., Harris, R. A. Metrics for comparing dynamic earthquake rupture simulations [elektronický dokument] In: Seismological Research Letters. Albany: Seismological Society of America, 2015, Roč. 86, č. 1, [tlačená forma] [online]. ISSN 0895-0695. ISSN (online) 1938-2057. - SCIE ; SCO ; WOS CC, 223 - 235

2015 [1/12] / GBR - Benito, J., Urena, F., Salete, E., Muelas, A., Gavete, L., Galindo, R. Wave propagation in soils problems using the Generalized Finite Difference Method [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2015, Roč. 79, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 190 - 198

2015 [1/12] / neurčené - Breuer, A., Heinecke, A., Rannabauer, L., Bader, M. High-order ADER-DG minimizes energy- and time-to-solution of SeisSol In: High Performance Computing : Lecture Notes in Computer Science. Berlin: Springer, 2015. - CPCI-S ; SCO ; WOS CC, 340 - 357

2015 [1/12] / neurčené - Mitsuhashi, K., Wang, L. V., Anastasio, M. A. Image reconstruction in transcranial photoacoustic computed tomography of the brain In: Photons plus Ultrasound: Imaging and Sensing 2015 : Proceedings of SPIE. Bellingham: The International Society for Optics and Photonics, 2015. - CPCI-S ; SCO ; WOS CC, Art. No. 93233B

2015 [1/12] / neurčené - O'Reilly, O., Nordström, J., Kozdon, J., Dunham, E. Simulation of earthquake rupture dynamics in complex geometries using coupled finite difference and finite volume methods [elektronický dokument] In: Communications in Computational Physics, 2015, Roč. 17, č. 2, [tlačená forma]. ISSN 1815-2406. ISSN (online) 1991-7120. - SCIE ; SCO ; WOS CC, 337 - 370

2015 [1/12] / GBR - Parvanova, S., Dineva, P., Fontara, I., Wuttke, F. Seismic response of laterally inhomogeneous geological region by boundary integral equations [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2015, Roč. 202, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 424 - 438

2015 [1/12] / USA - Ren, Z., Liu, Y. Acoustic and elastic modeling by optimal time-space-domain staggered-grid finite-difference schemes [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2015, Roč. 80, č. 1, 17- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2016 [1/12] / neurčené - Azarov, A. V., Serdyukov, A. S., Yablokov, A. V. Improvement in accuracy of point seismic sources wavefields numerical modeling In: Xx International Scientific Symposium of Students, Postgraduates and Young Scientists on Problems of Geology and Subsurface Development : IOP Conference Series-Earth and Environmental Science. Bristol: IOP Publishing, 2016. - CPCI-S ; SCO ; WOS CC, Art. No. 012020

2016 [1/12] / USA - Duru, K., Dunham, E. Dynamic earthquake rupture simulations on nonplanar faults embedded in 3D geometrically complex, heterogeneous elastic solids [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2016, Roč. 305, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 185 - 207

2016 [1/12] / BGR - Malik, U., Ching, D., Daud, H. Seismic boundary reflection approximation by autoregression [elektronický dokument] In: Applied Mathematical Sciences. Rousse: Hikari, 2016, Roč. 10, č. 29-32, [tlačená forma]. ISSN 1312-885X. ISSN (online) 1314-7552. - SCO, 1509 - 1523

2016 [1/12] / DEU - Nazir, R., Moayed, H., Noor, R. B. M., Ghareh, S. Development of new attenuation equation for subduction mechanisms in Malaysia water [elektronický dokument] In: Arabian Journal of Geosciences. Heidelberg: Springer Nature, 2016, Roč. 9, č. 20, [tlačená forma]. ISSN 1866-7511. ISSN (online) 1866-7538. - SCIE ; SCO ; WOS CC, Art. No. 741

2016 [1/12] / GBR - Zhou, Y., Ni, S., Chu, R., Yao, H. Accuracy of the water column approximation in numerically simulating propagation of teleseismic PP waves and Rayleigh waves [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 206, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1315 - 1326

2017 [1/12] / neurčené - Egerton, J., Lowe, M., Huthwaite, P., Halai, H. Ultrasonic attenuation and phase velocity of high-density polyethylene pipe material In: Journal of the Acoustical Society of America, 2017, Roč. 141, č. 3. - SCIE ; SCO ; WOS CC, 1535 - 1545

2017 [1/12] / NLD - Salete, E., Benito, J. J., Urena, F., Gavete, L., Urena, M., Garcia, A. Stability of perfectly matched layer regions in generalized finite difference method for wave problems [elektronický dokument] In: Journal of Computational and Applied Mathematics. Amsterdam: Elsevier, 2017, Roč. 312, [tlačená forma] [online]. ISSN 0377-0427. ISSN (online) 1879-1778. - SCIE ; SCO ; WOS CC, 231 - 239

2018 [1/12] / USA - Harris, R. A., Barall, M., Aagaard, B., Ma, S., Roten, D., Olsen, K., Duan, B., Liu, D., Luo, B., Bai, K., Ampuero, J. P., Kaneko, Y., Gabriel, A. A., Duru, K., Ulrich, T., Wollherr, S., Shi, Z., Dunham, E., Bydlon, S., Zhang, Z., Chen, X., Somala, S. N., Pelties, C., Tago, J., Manuel Cruz-Atienza, V., Kozdon, J., Daub, E., Aslam, K., Kase, Y., Withers, K., Dalguer, L. A Suite of Exercises for Verifying Dynamic Earthquake Rupture Codes [elektronický dokument] In: Seismological Research Letters. Albany: Seismological Society of America, 2018, Roč. 89, č. 3, [tlačená forma] [online]. ISSN 0895-0695. ISSN (online) 1938-2057. - SCIE ; SCO ; WOS CC, 1146 - 1162

2018 [1/12] / neurčené - Ivanov, A. M., Khokhlov, N. I. Parallel implementation of the grid-characteristic method in the case of explicit contact boundaries In: computer Research and Modeling, 2018, Roč. 10, č. 5. - SCO, 667 - 678

2018 [1/12] / neurčené - Pampillon, P., Santillan, D., Carlos Mosquera, J., Cueto-Felgueroso, L. Dynamic and Quasi-Dynamic Modeling of Injection-Induced Earthquakes in Poroelastic Media In: Journal of Geophysical Research-Solid Earth, 2018, Roč. 123, č. 7. - SCIE ; SCO ; WOS CC, 5730 - 5759

2018 [1/12] / NLD - Tsaur, D. H., Chang, K. H., Hsu, M. S. Ground motions around a deep semielliptic canyon with a horizontal edge subjected to incident plane SH waves [elektronický dokument] In: Journal of Seismology. Dordrecht: Springer Nature, 2018, Roč. 22, č. 6, [tlačená forma] [online]. ISSN 1383-4649. ISSN (online) 1573-157X. - SCIE ; SCO ; WOS CC, 1579 - 1593

2018 [1/12] / GBR - Zhu, C., Thambiratnam, D., Gallage, C. Statistical analysis of the additional amplification in deep basins relative to the 1D approach [elektronický dokument] In: Soil Dynamics and

Earthquake Engineering. Edinburgh: Elsevier, 2018, Roč. 104, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 296 - 306

2019 [1/12] / neurčené - Azar, S., Dabaghi, M., Rezaeian, S. Probabilistic seismic hazard analysis using stochastic simulated ground motions In: 13th International Conference on Applications of Statistics and Probability in Civil Engineering, ICASP 2019. Seoul: Seoul National University, 2019. - SCO, Art. No. 49815

2019 [1/12] / neurčené - Ivanov, A. M., Khokhlov, N. I. Efficient inter-process communication in parallel implementation of grid-characteristic method In: Smart Innovation, Systems and Technologies, 2019, Roč. 133. - SCO, 91 - 102

2019 [1/12] / NLD - Liao, Z., Reches, Z. An experimentally-based friction law for high-velocity, long-displacement slip-pulse events during earthquakes [elektronický dokument] In: Earth and Planetary Science Letters: a letter journal devoted to the development in time of the earth and planetary system. Amsterdam: Elsevier, 2019, Roč. 515, [tlačená forma] [online]. ISSN 0012-821X. ISSN (online) 1385-013X. - SCIE ; SCO ; WOS CC, 209 - 220

2019 [1/12] / neurčené - Qi, Y., Chen, Z., Liu, H., Qi, Y., Tong, H., Xie, J. Ultrasonic inspection of prefabricated constructions using reverse time migration imaging method In: ICSIDP 2019 - IEEE International Conference on Signal, Information and Data Processing 2019. New York: Institute of Electrical and Electronics Engineers, 2019. - SCO, Art. No. 9172817

2019 [1/12] / neurčené - Reis, C. Pile-Supported Quay Submitted to Successive Earthquake and Tsunami Actions In: PORTS 2019: PORT Engineering. New York: American Soc. Civil Engineers, 2019. - CPCI-S ; SCO ; WOS CC, 32 - 43

2019 [1/12] / NLD - Zhang, Y., Gao, J., Han, W., He, Y. A discontinuous Galerkin method for seismic wave propagation in coupled elastic and poroelastic media [elektronický dokument] In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2019, Roč. 67, č. 5, [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCIE ; SCO ; WOS CC, 1392 - 1403

2020 [1/12] / USA - Ba, Z., Wang, Y., Liang, J., Lee, V. W. Wave Scattering of Plane P, SV, and SH Waves by a 3D Alluvial Basin in a Multilayered Half-Space [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2020, Roč. 110, č. 2, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 576 - 595

2020 [1/12] / NLD - Chang, K. H., Wang, W. C., Hsu, S. C. Antiplane response of a flat-bottomed semicircular canyon to cylindrical elastic waves [elektronický dokument] In: Journal of Engineering Mathematics. Dordrecht: Springer Nature. Springer, 2020, Roč. 121, č. 1, [online] [tlačená forma]. ISSN 0022-0833. ISSN (online) 1573-2703. - SCIE ; SCO ; WOS CC, 125 - 139

2020 [1/12] / neurčené - Kordjazi, A., Coe, J. T., Afanasiev, M. The Use of the Spectral Element Method for Modeling Stress Wave Propagation in Non-Destructive Testing Applications for Drilled Shafts In: Modeling, Geomaterials, and Site Characterization (Geo-Congress 2020) : Geotechnical Special Publication, No. 317. New York: American Soc. Civil Engineers, 2020. - CPCI-S ; SCO ; WOS CC, 434 - 443

2020 [1/12] / CHE - Liu, J., Yong, W.-A., Liu, J., Guo, Z. Stable finite-difference methods for elastic wave modeling with characteristic boundary conditions [elektronický dokument] In: Mathematics. Bazilej: Multidisciplinary Digital Publishing Institute, 2020, Roč. 8, č. 6, [online]. ISSN (online) 2227-7390. - SCIE ; SCO ; WOS CC, Art. No. 1039

2020 [1/12] / neurčené - Poudel, J., Anastasio, M. A. Joint reconstruction of initial pressure distribution and spatial distribution of acoustic properties of elastic media with application to transcranial photoacoustic tomography In: Inverse Problems, 2020, Roč. 36, č. 12. - SCIE ; SCO ; WOS CC, Art. No. 124007

2020 [1/12] / GBR - Poudel, J., Na, S., Wang, L. V., Anastasio, M. A. Iterative image reconstruction in transcranial photoacoustic tomography based on the elastic wave equation [elektronický dokument] In: Physics in medicine and biology. Bristol : Institute of Physics. IOP Publishing, 2020, Roč. 65, č. 5, [tlačená forma] [online]. ISSN 0031-9155. ISSN (online) 1361-6560. - SCIE ; SCO ; WOS CC, Art. No.

2020 [1/12] / GBR - Vamaraju, J., Sen, M. K., De Basabe, J., Wheeler, M. A hybrid Galerkin finite element method for seismic wave propagation in fractured media [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2020, Roč. 221, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 857 - 878

2021 [1/12] / GBR - Ba, Z., Fu, J., Liu, Y., Wang, Y. Elastic wave field simulation of a three-dimensional sedimentary basin for incident spherical P, SV, and SH waves In: Engineering analysis with boundary elements: the international journal for boundary element research and applications. Southampton: Computational Mechanics Publications, 2021, Roč. 128, [tlačená forma]. ISSN 0955-7997. - SCIE ; SCO ; WOS CC, 203 - 215

2021 [1/12] / DEU - Diez, A. G., Tubio, C. R., Etxebarria, J. G., Lanceros-Mendez, S. Magnetorheological Elastomer-Based Materials and Devices: State of the Art and Future Perspectives [elektronický dokument] In: Advanced Engineering Materials. Weinheim: John Wiley & Sons. Wiley-Blackwell, 2021, Roč. 23, č. 6, [tlačená forma] [online]. ISSN 1438-1656. ISSN (online) 1527-2648. - SCIE ; SCO ; WOS CC, Art. No. 2100240

2021 [1/12] / USA - Qian, Y., Li, Z., Chen, X. An Improved Method for Computing Broadband Green's Functions of Surface Sources and Its Application to Inverting the Processes of the 2017 Xinmo Landslide [elektronický dokument] In: Seismological Research Letters. Albany: Seismological Society of America, 2021, Roč. 92, č. 5, [tlačená forma] [online]. ISSN 0895-0695. ISSN (online) 1938-2057. - SCIE ; SCO ; WOS CC, 3113 - 3125

2021 [1/12] / NLD - Salete, E., Varga, A. M., Garcia, A., Benito, J. J., Urena, F., Urena, M. An effective numeric method for different formulations of the elastic wave propagation problem in isotropic medium [elektronický dokument] In: Applied Mathematical Modelling: simulation & computation for engineering & environmental systems. Amsterdam: Elsevier, 2021, Roč. 96, [tlačená forma] [online]. ISSN 0307-904X. ISSN (online) 1872-8480. - SCIE ; SCO ; WOS CC, 480 - 496

2021 [1/20] / DEU - Bernardi, M. S., Africa, P. C., de Falco, C., Formaggia, L., Menafoglio, A., Vantini, S. On the Use of Interferometric Synthetic Aperture Radar Data for Monitoring and Forecasting Natural Hazards [elektronický dokument] In: Mathematical Geosciences. Heidelberg: Springer Nature. Springer, 2021, Roč. 53, č. 8, [tlačená forma] [online]. ISSN 1874-8961. ISSN (online) 1874-8953. - SCIE ; SCO ; WOS CC, 1781 - 1812

2022 [1/20] / NLD - Ciardelli, C., Bozdog, E., Peter, D., van der Lee, S. SphGLLTools: A toolbox for visualization of large seismic model files based on 3D spectral-element meshes [elektronický dokument] In: Computers & Geosciences. Amsterdam: Elsevier, 2022, Roč. 159, [tlačená forma] [online]. ISSN 0098-3004. ISSN (online) 1873-7803. - SCIE ; SCO ; WOS CC, art. no. 105007

2023 [1/20] / GBR - Bustos, J., Pasten, C., Pavez, D., Acevedo, M., Ruiz, S., Astroza, R. Two-dimensional simulation of the seismic response of the Santiago Basin, Chile [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2023, Roč. 164, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, art. no. 107569

2023 [1/20] / GBR - Liu, Q. Q., Zhuang, M., Zhan, W., Shi, L., Liu, Q. H. A hybrid implicit-explicit discontinuous Galerkin spectral element time domain (DG-SETD) method for computational elastodynamics [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 234, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 1855 - 1869

2023 [1/20] / CHE - Mudarra-Hernandez, M., Mosquera-Feijoo, J. C., Sanz-Perez, E. Numerical Simulation and Characterization of the Hydromechanical Alterations at the Zafarraya Fault Due to the 1884 Andalusia Earthquake (Spain) [elektronický dokument] In: Water. Bazilej: Multidisciplinary Digital Publishing Institute, 2023, Roč. 15, č. 5, [online]. ISSN (online) 2073-4441. - SCIE ; SCO ; WOS CC, art. no. 850

2022 [1/20] / RUS - Golubev, V. I., Shevchenko, A. V., Petrov, I. B. Raising convergence order of grid-characteristic schemes for 2D linear elasticity problems using operator splitting [elektronický dokument] In: Kompjuterne issledovanija i modelirovanije. Izhevsk: Institute of Computer Science, 2022, Roč. 14, č. 4, [tlačená forma] [online]. ISSN 2076-7633. ISSN (online) 2077-6853. - SCO, 899 - 910

2024 [1/20] / DEU - Rojas, Otilio, Mendoza, Larry, Otero, Beatriz, Villamizar, Jorge, Calderón, Giovanni, Castillo, Jose E., Miranda, Guillermo. A dispersion analysis of uniformly high order, interior and boundaries, mimetic finite difference solutions of wave propagation problems [elektronický dokument]. DOI 10.1007/s13137-023-00242-9 In: GEM - International Journal on Geomathematics. Heidelberg: Springer Nature. Springer, 2024, Roč. 15, č. 1, [tlačená forma] [online]. ISSN 1869-2672. ISSN (online) 1869-2680. - SCO ; WOS CC

2024 [1/20] / USA - Ensminger, Dale, Bond, Leonard J. Ultrasonics [textový dokument (print)] [elektronický dokument] : Fundamentals, Technologies, and Applications. Boca Raton: Taylor & Francis Group. CRC Press, 2024. 4. vyd. ISBN 9780367252816. ISBN 9781000994957. DOI 10.1201/9780429286964. - SCO, 1 - 875

2024 [1/20] / GBR - Zhou, Bing, Liu, Xu, Wang, Pengde, Kumar, Manjeet. Novel methods to determine the slowness and ray-velocity vectors in viscoelastic anisotropic media [elektronický dokument]. DOI 10.1093/gji/ggad467 In: Geophysical Journal International. Oxford: Oxford University Press, 2024, Roč. 236, č. 2, s. 1053-1067 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; SCIE ; CCC, 1053 - 1067

2024 [1/20] / DEU - Jin, Chao, Zhou, Bing, Riahi, Mohamed Kamel, Zemerly, Mohamed Jamal. A generalized time-domain velocity-stress seismic wave equation for composite viscoelastic media with a topographic relief and an irregular seabed [elektronický dokument]. DOI 10.1007/s10596-024-10273-2 In: Computational Geosciences: Modeling, Simulation and Data Analysis. Berlín: Springer Nature. Springer International Publishing AG, 2024, Roč. 28, č. 3, s. 355-371 [tlačená forma] [online]. ISSN 1420-0597. ISSN (online) 1573-1499. - SCO ; WOS CC ; CCC ; SCIE, 355 - 371

2023 [1/20] / DEU - Mondal, Subhash Chandra, Debsarma, Suma. Numerical modelling of a nonplanar strike slip fault and associated stress distribution in lithosphere asthenosphere system [elektronický dokument]. DOI 10.1007/s13137-023-00222-z In: GEM - International Journal on Geomathematics. Heidelberg: Springer Nature. Springer, 2023, Roč. 14, č. 1, art. no. 15 [tlačená forma] [online]. ISSN 1869-2672. ISSN (online) 1869-2680. - SCO ; WOS CC ; ESCI, art. no. 15

ADC Vedecké práce v zahraničných karentovaných časopisoch

Počet výstupov: 41

ADC_001 / Gregor, Dávid (Autor) [Interný doktorand] [UKOMFKAFZM] (25%) - Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (24%) - Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (22%) - Mesgouez, Arnaud (Autor) (12%) - Lefeuvre-Mesgouez, Gaëlle (Autor) (12%) - Kristeková, Miriam (Autor) [Výskumný pracovník - výskumník] [UKOMFKAFZM] (5%): Subcell-resolution finite-difference modelling of seismic waves in Biot and JKD poroelastic media. – text, graf., tab. – DOI 10.1093/gji/ggaa454. – SCO ; WOS CC ; SCIE ; CCC

In: *Geophysical Journal International* [textový dokument (print)] [elektronický dokument] . – Oxford (Veľká Británia) : Oxford University Press. – ISSN 0956-540X. – ISSN (online) 1365-246X. – Roč. 224, č. 2 (2021), s. 760-794 [tlačená forma] [online]

Počet všetkých autorov: 6

[článok]

Lit.: 41

[OV 092 Vedy o Zemi a vesmíre]

Indikátor časopisu:

IF: 3.352

SNIP: 1,412

SJR: 1,389

CiteScore: 5,7

AIS: 1.085

Kvartil Q:

AIS - Geochemistry & geophysics - Q2**JIF** - Geochemistry & geophysics - Q2**Scimago** - Geochemistry and petrology - Q1, Geophysics - Q1

Ohlasy (13):

2021 [1/20] / GBR - Alkhimenkov, Y., Khakimova, L., Podladchikov, Y. Y. Stability of discrete schemes of Biot's poroelastic equations [elektronický dokument]. DOI 10.1093/gji/ggaa584 In: Geophysical Journal International. Oxford: Oxford University Press, 2021, Roč. 225, č. 1, s. 354-377 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; CCC ; WOS CC ; SCIE, 354 - 377

2021 [1/20] / USA - Alkhimenkov, Yury, Räss, Ludovic, Khakimova, Lyudmila, Quintal, Beatriz, Podladchikov, Yury. Resolving Wave Propagation in Anisotropic Poroelastic Media Using Graphical Processing Units (GPUs) [elektronický dokument]. DOI 10.1029/2020JB021175 In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2021, Roč. 126, č. 7, art. no. e2020JB021175 [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chybné) 0148-0227. - SCO ; SCIE ; CCC ; WOS CC, art. no. e2020JB021175

2021 [1/20] / GBR - Tohti, Munirdin, Wang, Yibo, Xiao, Wenjiao, Di, Qingyun, Zhou, Kefa, Wang, Jinlin, An, Shaole, Liao, Shibin. Numerical simulation of seismic waves in 3-D orthorhombic poroelastic medium with microseismic source implementation [elektronický dokument]. DOI 10.1093/gji/ggab219 In: Geophysical Journal International. Oxford: Oxford University Press, 2021, Roč. 227, č. 2, s. 1012-1027 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; SCIE ; CCC ; WOS CC, 1012 - 1027

2022 [1/20] / CHE - Yang, Haidi, Fu, Li Yun, Fu, Bo Ye, Müller, Tobias M. Acoustoelastic FD Simulation of Elastic Wave Propagation in Prestressed Media. DOI 10.3389/feart.2022.886920 In: Frontiers in Earth Science. Lausanne: Frontiers Media, 2022, Roč. 10, art. no. 886920 [online]. ISSN 2296-6463. - SCO ; SCIE ; CCC ; WOS CC, art. no. 886920

2022 [1/20] / GBR - Koene, Erik F.M., Wittsten, Jens, Robertsson, Johan O.A. Finite-difference modelling of 2-D wave propagation in the vicinity of dipping interfaces: a comparison of anti-aliasing and equivalent medium approaches [elektronický dokument]. DOI 10.1093/gji/ggab444 In: Geophysical Journal International. Oxford: Oxford University Press, 2022, Roč. 229, č. 1, s. 70-96 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; SCIE ; CCC ; WOS CC, 70 - 96

2021 [1/20] / GBR - Jiang, L., Zhang, Wei. TTI equivalent medium parametrization method for the seismic waveform modelling of heterogeneous media with coarse grids [elektronický dokument]. DOI 10.1093/gji/ggab310 In: Geophysical Journal International. Oxford: Oxford University Press, 2021, Roč. 227, č. 3, s. 2016-2043 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; SCIE ; CCC, 2016 - 2043

2022 [1/20] / NLD - Chen, Guiting, Peng, Zhenming, Li, Yalin. A framework for automatically choosing the optimal parameters of finite-difference scheme in the acoustic wave modeling [elektronický dokument]. DOI 10.1016/j.cageo.2021.104948 In: Computers & Geosciences. Amsterdam: Elsevier, 2022, č. 159, art. no. 104948 [tlačená forma] [online]. ISSN 0098-3004. ISSN (online) 1873-7803. - SCO ; SCIE ; CCC ; WOS CC, art. no. 104948

2023 [1/20] / CHE - Chen, Guiting, Peng, Zhenming, Li, Yalin. An Efficient Finite-Difference Stencil with High-Order Temporal Accuracy for Scalar Wave Modeling [elektronický dokument]. DOI 10.3390/app13021140 In: Applied sciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2023, Roč. 13, č. 2, art. no. 1140 [online]. ISSN (online) 2076-3417. - SCO ; SCIE ; CCC ; WOS CC, art. no. 1140

2022 [1/20] / USA - Yang, Haidi, Fu, Li Yun, Fu, Bo Ye, Du, Qizhen. Poro-acoustoelasticity FD simulation of elastic wave propagation in prestressed porous media [elektronický dokument]. DOI 10.1190/geo2021-0077.1 In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2022, Roč. 87, č. 4, s. T329-T345 [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO ; SCIE ; CCC ; WOS CC, T329 - T345

2022 [1/20] / USA - Zhou, Hongyu, Liu, Yang, Wang, Jing. Elastic Wave Modeling with High-Order Temporal and Spatial Accuracies by a Selectively Modified and Linearly Optimized Staggered-Grid Finite-Difference Scheme [elektronický dokument]. DOI 10.1109/TGRS.2021.3078626 In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2022, č. 60, art. no. 3000122 [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCO ; SCIE ; CCC ; WOS CC, art. no. 300012

2021 [1/20] / GBR - Cheng, Shijun, Mao, Weijian, Zhang, Qingchen, Xu, Qianru. Wave propagation in the poro-viscoelastic orthorhombic two-phase media: Plane-wave theory and wavefield simulation [elektronický dokument]. DOI 10.1093/gji/ggab213 In: Geophysical Journal International. Oxford: Oxford University Press, 2021, Roč. 227, č. 1, s. 99-122 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; CCC ; WOS CC ; SCIE, 99 - 122

2024 [1/20] / GBR - Jiang, Luqian, Zhang, Wei. Efficient implementation of equivalent medium parametrization in finite-difference seismic wave simulation methods [elektronický dokument]. DOI 10.1093/gji/ggae286 In: *Geophysical Journal International*. Oxford: Oxford University Press, 2024, Roč. 239, č. 1, s. 675-693 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; SCIE ; CCC, 675 - 693

2024 [1/20] / GBR - Deng, Wubing, Morozov, Igor B., Fu, Li Yun, Cao, Danping. An extended continuum-mechanics standard linear solid rheology for fluid-saturated porous rock [elektronický dokument]. DOI 10.1093/gji/ggae142 In: *Geophysical Journal International*. Oxford: Oxford University Press, 2024, Roč. 238, č. 1, s. 1-14 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 1 - 14

ADC_002 / Kristeková, Miriam (Autor) [Výskumný pracovník - výskumník] [UKOMFKAFZM] (40%) - Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (30%) - Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (20%) - Labák, Peter (Autor) (10%): The Finite-interval Spectral Power method for detecting underground cavities using seismic ambient noise. – text, graf. – DOI 10.1093/gji/ggaa494. – SCO ; WOS CC ; SCIE ; CCC

In: *Geophysical Journal International* [textový dokument (print)] [elektronický dokument] . – Oxford (Veľká Británia) : Oxford University Press. – ISSN 0956-540X. – ISSN (online) 1365-246X. – Roč. 224, č. 2 (2021), s. 945-960 [tlačená forma] [online]

Počet všetkých autorov: 4

[článok]

Lit.: 20

[OV 092 Vedy o Zemi a vesmíre]

Indikátor časopisu:

IF: 3.352

SNIP: 1,412

SJR: 1,389

CiteScore: 5,7

AIS: 1.085

Kvartil Q:

AIS - Geochemistry & geophysics - Q2**JIF** - Geochemistry & geophysics - Q2**Scimago** - Geochemistry and petrology - Q1, Geophysics - Q1

Ohlasy (1):

2024 [1/20] / USA - Abbas, Aser, Cox, Brady R., Tran, Khiem T., Corey, Isabella, Dawadi, Nishkarsha. An Open-Access Data Set of Active-Source and Passive-Wavefield DAS and Nodal Seismometer Measurements at the Newberry Florida Site [elektronický dokument]. DOI 10.1785/0220230216 In: *Seismological Research Letters*. Albany: Seismological Society of America, 2024, Roč. 95, č. 2, s. 1082-1098 [tlačená forma] [online]. ISSN 0895-0695. ISSN (online) 1938-2057. - SCO ; WOS CC ; CCC ; SCIE, 1082 - 1098

ADC_003 / Gális, Martin (Autor) [Výskumný pracovník - výskumník] [UKOMFKAFZM] (50%) - Ampuero, Jean Paul (Autor) (40%) - Mai, P. Martin (Autor) (5%) - Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (5%): Initiation and arrest of earthquake ruptures due to elongated overstressed regions. – text, graf., obr. – DOI 10.1093/gji/ggz086. – SCO ; SCIE ; CCC ; WOS CC

In: *Geophysical Journal International* [textový dokument (print)] [elektronický dokument] . – Oxford (Veľká Británia) : Oxford University Press. – ISSN 0956-540X. – ISSN (online) 1365-246X. – Roč. 217, č. 3 (2019), s. 1783-1797 [tlačená forma] [online]

Počet všetkých autorov: 4

[článok]

Lit.: 31

[OV 092 Vedy o Zemi a vesmíre]

Indikátor časopisu:

IF: 2.574

SNIP: 1,203

SJR: 1,339

CiteScore: 4,8

Kvartil Q:

JIF - Geochemistry & geophysics - Q2**Scimago** - Geochemistry and petrology - Q1, Geophysics - Q1

Ohlasy (5):

2020 [1/12] / USA - Li, Ge, Liu, Yajing. Earthquake Rupture Through a Step-Over Fault System: An

Exploratory Numerical Study of the Leech River Fault, Southern Vancouver Island [elektronický dokument]. DOI 10.1029/2020JB020059 In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2020, Roč. 125, č. 11, art. no. e2020JB020059 [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chybné) 0148-0227. - WOS CC ; CCC ; SCIE ; SCO

2021 [1/12] / USA - Wu, Haiqing, Vilarrosa, Victor, De Simone, Silvia, Saaltink, Maarten, Parisio, Francesco. Analytical Solution to Assess the Induced Seismicity Potential of Faults in Pressurized and Depleted Reservoirs [elektronický dokument]. DOI 10.1029/2020JB020436 In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2021, Roč. 126, č. 1, art. no. e2020JB020436 [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chybné) 0148-0227. - SCO ; WOS CC ; SCIE ; CCC

2021 [1/12] / AUT - Lyakhovsky, Vladimir, Shalev, Eyal. Runaway Versus Stable Fracturing During Hydraulic Stimulation: Insights from the Damage Rheology Modeling [elektronický dokument]. DOI 10.1007/s00603-021-02395-1 In: Rock Mechanics and Rock Engineering. Viedeň: Springer Nature. Springer, 2021, Roč. 54, č. 10, s. 5449-5464 [tlačená forma] [online]. ISSN 0723-2632. ISSN (online) 1434-453X. - WOS CC ; SCO ; SCIE ; CCC, 5449 - 5464

2024 [1/20] / CHN - Ren, Bingquan, Xu, Caijun, Jiang, Guoyan, Yang, Lei. Numerical simulations of earthquake rupture induced by pressure perturbation [elektronický dokument]. DOI 10.1016/j.geog.2024.01.007 In: Geodesy and Geodynamics. Peking: KEAI publishing, 2024, Roč. 15, č. 5, s. 477-487 [online]. ISSN (online) 1674-9847. - SCO ; WOS CC ; ESCI, 477 - 487

2023 [1/20] / NLD - Wentinck, H. M., Kortekaas, M. Induced seismicity in the Groningen gas field - arrest of ruptures by fault plane irregularities [elektronický dokument]. DOI 10.1017/njg.2023.9 In: Geologie en mijnbouw. Dordrecht: Royal Geological and Mining Society of the Netherlands, 2023, Roč. 102, č. 5, art. no. e11 [tlačená forma] [online]. ISSN 0016-7746. ISSN (online) 1573-9708. - SCO ; WOS CC ; CCC ; SCIE, art. no. e11

ADC_004 / Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (40%) - Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (30%) - Chaljub, Emmanuel (Autor) (15%) - Kristeková, Miriam (Autor) [Výskumný pracovník - výskumník] [UKOMFKAFZM] (15%): A discrete representation of a heterogeneous viscoelastic medium for the finite-difference modelling of seismic wave propagation. – text, graf., tab. – DOI 10.1093/gji/ggz132. – SCO ; SCIE ; CCC ; WOS CC
In: *Geophysical Journal International* [textový dokument (print)] [elektronický dokument] . – Oxford (Veľká Británia) : Oxford University Press. – ISSN 0956-540X. – ISSN (online) 1365-246X. – Roč. 217, č. 3 (2019), s. 2021-2034 [tlačená forma] [online]

Počet všetkých autorov: 4

[článok]

Lit.: 34

[OV 092 Vedy o Zemi a vesmíre]

Indikátor časopisu:

IF: 2.574

SNIP: 1,203

SJR: 1,339

CiteScore: 4,8

Kvartil Q:

JIF - Geochemistry & geophysics - Q2**Scimago** - Geochemistry and petrology - Q1, Geophysics - Q1

Ohlasy (10):

2021 [1/12] / GBR - Jiang, L., Zhang, Wei. TTI equivalent medium parametrization method for the seismic waveform modelling of heterogeneous media with coarse grids [elektronický dokument]. DOI 10.1093/gji/ggab310 In: Geophysical Journal International. Oxford: Oxford University Press, 2021, Roč. 227, č. 3, s. 2016-2043 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; SCIE ; CCC, 2016 - 2043

2021 [1/12] / USA - Mittet, Rune. Small-scale medium variations with high-order finite-difference and pseudo-spectral schemes [elektronický dokument]. DOI 10.1190/geo2020-0210.1 In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2021, Roč. 86, č. 5, s. 387-399 [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO ; WOS CC ; SCIE ; CCC, 387 - 399

2021 [1/12] / USA - Mittet, Rune. On the pseudospectral method and spectral accuracy [elektronický

dokument]. DOI 10.1190/geo2020-0209.1 In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2021, Roč. 86, č. 3, s. T127-T142 [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO ; WOS CC ; SCIE ; CCC, T127 - T142

2024 [1/20] / GBR - Jiang, Luqian, Zhang, Wei. Efficient implementation of equivalent medium parametrization in finite-difference seismic wave simulation methods [elektronický dokument]. DOI 10.1093/gji/ggae286 In: Geophysical Journal International. Oxford: Oxford University Press, 2024, Roč. 239, č. 1, s. 675-693 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; SCIE ; CCC, 675 - 693

2022 [1/20] / USA - Wang, Ning, Xing, Guangchi, Zhu, Tieyuan, Zhou, Hui, Shi, Ying. Propagating Seismic Waves in VTI Attenuating Media Using Fractional Viscoelastic Wave Equation [elektronický dokument]. DOI 10.1029/2021JB023280 In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2022, Roč. 127, č. 4, art. no. e2021JB023280 [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chybné) 0148-0227. - SCO ; WOS CC ; CCC ; SCIE, art. no. e2021JB023280

2022 [1/20] / GBR - Koene, Erik F.M., Wittsten, Jens, Robertsson, Johan O.A. Finite-difference modelling of 2-D wave propagation in the vicinity of dipping interfaces: a comparison of anti-aliasing and equivalent medium approaches [elektronický dokument]. DOI 10.1093/gji/ggab444 In: Geophysical Journal International. Oxford: Oxford University Press, 2022, Roč. 229, č. 1, s. 70-96 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; SCIE ; CCC ; WOS CC, 70 - 96

2023 [1/20] / CHE - Xu, Teng, Yan, Hongyong, Yu, Hui, Zhang, Zhiyong. Removing Time Dispersion from Elastic Wave Modeling with the pix2pix Algorithm Based on cGAN [elektronický dokument]. DOI 10.3390/rs15123120 In: Remote Sensing. Bazilej: Molecular Diversity Preservation International, 2023, Roč. 15, č. 12, art. no. 3120 [online]. ISSN (online) 2072-4292. - SCO ; WOS CC ; CCC ; SCIE, art. no. 3120

2023 [1/20] / GBR - Xu, Qiang, Wang, Yanghua. Determination of the viscoelastic parameters for the generalized viscoelastic wave equation [elektronický dokument]. DOI 10.1093/gji/ggac488 In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 233, č. 2, s. 875-884 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 875 - 884

2022 [1/20] / USA - Yuan, Shichuan, Zhang, Zhenguo, Ren, Hengxin, Zhang, Wei, Song, Xianhai, Chen, Xiaofei. Finite-Difference Modeling and Characteristics Analysis of Love Waves in Anisotropic-Viscoelastic Media [elektronický dokument]. DOI 10.1785/0120200372 In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2022, Roč. 112, č. 1, s. 23-47 [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCO ; WOS CC ; CCC ; SCIE, 23 - 47

2022 [1/20] / USA - Wang, Yufeng, Hu, Xiangyun, Harris, Jerry M., Zhou, Hui. Crosswell Seismic Imaging Using Q-Compensated Viscoelastic Reverse Time Migration With Explicit Stabilization [elektronický dokument]. DOI 10.1109/TGRS.2022.3176749 In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2022, Roč. 60, art. no. 5915611 [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCO ; WOS CC ; SCIE ; CCC, art. no. 5915611

ADC_005 / Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (37%) - Gregor, Dávid (Autor) [Interný doktorand] [UKOMFKAFZM] (33%) - Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (25%) - de la Puente, Josep (Autor) (5%): A discrete representation of material heterogeneity for the finite-difference modelling of seismic wave propagation in a poroelastic medium. – text, tab., obr. – DOI 10.1093/gji/ggy412. – SCIE ; CCC ; WOS CC ; SCO

In: *Geophysical Journal International* [textový dokument (print)] [elektronický dokument] . – Oxford (Veľká Británia) : Oxford University Press. – ISSN 0956-540X. – ISSN (online) 1365-246X. – Roč. 216, č. 2 (2019), s. 1072-1099 [tlačená forma] [online]

Počet všetkých autorov: 4

[článok]

Lit.: 50

[OV 092 Vedy o Zemi a vesmíre]

Indikátor časopisu:

IF: 2.574

SNIP: 1,203

SJR: 1,339

CiteScore: 4,8

Kvartil Q:

JIF - Geochemistry & geophysics - Q2**Scimago** - Geochemistry and petrology - Q1, Geophysics - Q1

Ohlasy (32):

2019 [1/12] / GBR - Sun, Yao-Chong, Ren, Hengxin, Zheng, Xu-Zhen, Li, Na, Zhang, Wei, Huang, Qinghua, Chen, Xiaofei. 2-D poroelastic wave modelling with a topographic free surface by the curvilinear grid finite-difference method [elektronický dokument]. DOI 10.1093/gji/ggz263 In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 218, č. 3, 1961-1982 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - WOS CC ; SCO, 1961 - 1982

2019 [1/12] / GBR - Ou, Weiming, Wang, Zhuwen. Simulation of Stoneley wave reflection from porous formation in borehole using FDTD method [elektronický dokument]. DOI 10.1093/gji/ggz144 In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 217, č. 3, 2081-2096 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - WOS CC ; SCO ; CCC, 2081 - 2096

2023 [1/20] / GBR - Masson, Yder. Distributional finite-difference modelling of seismic waves [elektronický dokument]. DOI 10.1093/gji/ggac306 In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 233, č. 1, s. 264-296 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 264 - 296

2022 [1/20] / USA - Zhou, Hongyu, Liu, Yang, Wang, Jing. Time-space domain scalar wave modeling by a novel hybrid staggered-grid finite-difference method with high temporal and spatial accuracies [elektronický dokument]. DOI 10.1016/j.jcp.2022.111004 In: Journal of Computational Physics. San Diego : American Academic Press, 2022, č. 455, art. no. 111004 [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCO ; SCIE ; CCC ; WOS CC, art. no. 111004

2022 [1/20] / CHN - Zhang, Wensheng, Joardar, Atish Kumar. Stability of High-Order Finite-Difference Schemes for Poroelastic Wave Simulation [elektronický dokument]. DOI 10.4208/eajam.260122.280422 In: East Asian journal on applied mathematics. Hong Kong: Global Science Press, 2022, Roč. 12, č. 4, s. 891-911 [tlačená forma] [online]. ISSN 2079-7362. ISSN (online) 2079-7370. - SCO ; SCIE ; CCC ; WOS CC, 891 - 911

2022 [1/20] / GBR - Koene, Erik F.M., Wittsten, Jens, Robertsson, Johan O.A. Finite-difference modelling of 2-D wave propagation in the vicinity of dipping interfaces: a comparison of anti-aliasing and equivalent medium approaches [elektronický dokument]. DOI 10.1093/gji/ggab444 In: Geophysical Journal International. Oxford: Oxford University Press, 2022, Roč. 229, č. 1, s. 70-96 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; SCIE ; CCC ; WOS CC, 70 - 96

2022 [1/20] / NLD - Chen, Guiting, Peng, Zhenming, Li, Yalin. A framework for automatically choosing the optimal parameters of finite-difference scheme in the acoustic wave modeling [elektronický dokument]. DOI 10.1016/j.cageo.2021.104948 In: Computers & Geosciences. Amsterdam: Elsevier, 2022, č. 159, art. no. 104948 [tlačená forma] [online]. ISSN 0098-3004. ISSN (online) 1873-7803. - SCO ; SCIE ; CCC ; WOS CC

2022 [1/20] / CHE - Yang, Haidi, Fu, Li Yun, Fu, Bo Ye, Müller, Tobias M. Acoustoelastic FD Simulation of Elastic Wave Propagation in Prestressed Media. DOI 10.3389/feart.2022.886920 In: Frontiers in Earth Science. Lausanne: Frontiers Media, 2022, Roč. 10, art. no. 886920 [online]. ISSN 2296-6463. - SCO ; SCIE ; CCC ; WOS CC

2021 [1/20] / GBR - Jiang, L., Zhang, Wei. TTI equivalent medium parametrization method for the seismic waveform modelling of heterogeneous media with coarse grids [elektronický dokument]. DOI 10.1093/gji/ggab310 In: Geophysical Journal International. Oxford: Oxford University Press, 2021, Roč. 227, č. 3, s. 2016-2043 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; SCIE ; CCC, 2016 - 2043

2021 [1/20] / USA - Mittet, Rune. Small-scale medium variations with high-order finite-difference and pseudo-spectral schemes [elektronický dokument]. DOI 10.1190/geo2020-0210.1 In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2021, Roč. 86, č. 5, s. 387-399 [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO ; WOS CC

2021 [1/20] / USA - Mittet, Rune. On the pseudospectral method and spectral accuracy [elektronický dokument]. DOI 10.1190/geo2020-0209.1 In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2021, Roč. 86, č. 3, s. T127-T142 [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO ; WOS CC ; SCIE ; CCC, 127 - 142

2023 [1/20] / CHE - Chen, Guiting, Peng, Zhenming, Li, Yalin. An Efficient Finite-Difference Stencil with High-Order Temporal Accuracy for Scalar Wave Modeling [elektronický dokument]. DOI 10.3390/app13021140 In: Applied sciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2023, Roč. 13, č. 2, art. no. 1140 [online]. ISSN (online) 2076-3417. - SCO ; SCIE ; CCC ; WOS CC

2022 [1/20] / USA - Yang, Haidi, Fu, Li Yun, Fu, Bo Ye, Du, Qizhen. Poro-acoustoelasticity FD simulation of elastic wave propagation in prestressed porous media [elektronický dokument]. DOI 10.1190/geo2021-0077.1 In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2022, Roč. 87, č. 4, s. T329-T345 [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO ; SCIE ; CCC ; WOS CC, T329 - T345

2021 [1/20] / GBR - Tohti, Munirdin, Wang, Yibo, Xiao, Wenjiao, Di, Qingyun, Zhou, Kefa, Wang, Jinlin, An, Shaole, Liao, Shibin. Numerical simulation of seismic waves in 3-D orthorhombic poroelastic medium with microseismic source implementation [elektronický dokument]. DOI 10.1093/gji/ggab219 In: Geophysical Journal International. Oxford: Oxford University Press, 2021, Roč. 227, č. 2, s. 1012-1027 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; SCIE ; CCC ; WOS CC, 1012 - 1027

2021 [1/20] / GBR - Cheng, Shijun, Mao, Weijian, Zhang, Qingchen, Xu, Qianru. Wave propagation in the poro-viscoelastic orthorhombic two-phase media: Plane-wave theory and wavefield simulation [elektronický dokument]. DOI 10.1093/gji/ggab213 In: Geophysical Journal International. Oxford: Oxford University Press, 2021, Roč. 227, č. 1, s. 99-122 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; CCC ; WOS CC ; SCIE, 99 - 122

2021 [1/20] / USA - Alkhimenkov, Yury, Räss, Ludovic, Khakimova, Lyudmila, Quintal, Beatriz, Podladchikov, Yury. Resolving Wave Propagation in Anisotropic Poroelastic Media Using Graphical Processing Units (GPUs) [elektronický dokument]. DOI 10.1029/2020JB021175 In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2021, Roč. 126, č. 7, art. no. e2020JB021175 [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chybné) 0148-0227. - SCO ; SCIE ; CCC ; WOS CC

2021 [1/20] / GBR - Alkhimenkov, Y., Khakimova, L., Podladchikov, Y. Y. Stability of discrete schemes of Biot's poroelastic equations [elektronický dokument]. DOI 10.1093/gji/ggaa584 In: Geophysical Journal International. Oxford: Oxford University Press, 2021, Roč. 225, č. 1, s. 354-377 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; CCC ; WOS CC ; SCIE, 354 - 377

2022 [1/20] / NLD - Carcione, J. M. Wave Fields in Real Media [elektronický dokument] : Wave Propagation in Anisotropic, Anelastic, Porous and Electromagnetic Media. Amsterdam: Elsevier, 2022. 4. vyd. ISBN (online) 978-0-323-98343-3. DOI 10.1016/C2021-0-00938-X. - SCO, 1 - 796

2021 [1/20] / USA - Duan, Peiran, Gu, Bingluo, Li, Zhenchun, Ren, Zhiming, Li, Qingyang. An adaptive node-distribution method for radial-basis-function finite-difference modeling with optimal shape parameter [elektronický dokument]. DOI 10.1190/GEO2019-0670.1 In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2021, Roč. 86, č. 1, s. 1-18 [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - WOS CC ; SCIE ; SCO ; CCC, 1 - 18

2021 [1/20] / GBR - Wang, Ding, Zhang, Yuan. Rayleigh waves propagation in an elastic medium with discrete subsurface fractures [elektronický dokument]. DOI 10.1016/j.jsv.2021.116224 In: Journal of Sound and Vibration. Londýn: Elsevier. Academic Press, 2021, č. 509, art. no. 116224 [tlačená forma] [online]. ISSN 0022-460X. ISSN (online) 1095-8568. - WOS CC ; SCO ; SCIE ; CCC

2023 [1/20] / USA - Zhang, Heng, Sun, Yao-Chong, Ren, Hengxin, Zhang, Wei, Huang, Qinghua, Chen, Xiaofei. Discontinuous curvilinear collocated grid combined with nonuniform time step Runge-Kutta scheme for poroelastic finite-difference modeling [elektronický dokument]. DOI 10.1190/GEO2022-0180.1 In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2023, Roč. 88, č. 1, s. 1-12 [tlačená forma] [online]. ISSN 0016-8033. ISSN (online)

1942-2156. - WOS CC ; SCO ; SCIE ; CCC, 1 - 12

2020 [1/20] / CHN - Wei, Wei, Gao, Fan, Zhang, BeiBei, Scherer, Rafal, Hui, Mingwei, Damasevicius, Robertas. Design and implementation of forward modeling algorithm for anisotropic seismic waves [elektronický dokument]. DOI 10.1109/ICHCI51889.2020.00079 In: 2020 INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTING AND HUMAN-COMPUTER INTERACTION (ICHCI 2020). Sanya: Tsinghua Sanya International Math Forum, 2020, s. 341-350. ISBN (online) 978-1-6654-2316-8. - WOS CC ; CPCI-S ; SCO, 341 - 350

2022 [1/20] / GBR - Wang, Ding, Tang, Jing. 3D analysis of Rayleigh-type surface wave in fractured media: Insights into anisotropic characteristics [elektronický dokument]. DOI 10.1016/j.jsv.2022.117195 In: Journal of Sound and Vibration. Londýn: Elsevier. Academic Press, 2022, č. 537, art. no. 117195 [tlačená forma] [online]. ISSN 0022-460X. ISSN (online) 1095-8568. - WOS CC ; SCIE ; CCC ; SCO

2022 [1/20] / NLD - Yao, Yi, Wang, Yibo, Kong, Liyun. Microseismic wavefield propagation in a fracture-induced anisotropic medium based on a general dislocation source model [elektronický dokument]. DOI 10.1111/1365-2478.13247 In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2022, Roč. 70, č. 8, s. 1367-1379 [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - WOS CC ; SCIE ; SCO ; CCC, 1367 - 1379

2022 [1/20] / USA - Zhou, Hongyu, Liu, Yang, Wang, Jing. Elastic Wave Modeling with High-Order Temporal and Spatial Accuracies by a Selectively Modified and Linearly Optimized Staggered-Grid Finite-Difference Scheme [elektronický dokument]. DOI 10.1109/TGRS.2021.3078626 In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2022, č. 60, art. no. 3000122 [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCO ; SCIE ; CCC ; WOS CC

2024 [1/20] / GBR - Jiang, Luqian, Zhang, Wei. Efficient implementation of equivalent medium parametrization in finite-difference seismic wave simulation methods [elektronický dokument]. DOI 10.1093/gji/ggae286 In: Geophysical Journal International. Oxford: Oxford University Press, 2024, Roč. 239, č. 1, s. 675-693 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; SCIE ; CCC, 675 - 693

2024 [1/20] / GBR - Kuznetsov, Sergey V. Stoneley waves in mild auxetics [elektronický dokument]. DOI 10.1080/17455030.2021.1923857 In: Waves in Random and Complex Media. London: Taylor & Francis Group, 2024, Roč. 34, č. 2, s. 942-950 [tlačená forma] [online]. ISSN 17455030. ISSN (online) 17455049. - SCO ; WOS CC ; SCIE ; CCC, 942 - 950

2024 [1/20] / NLD - Zheng, Jing, Li, Tiezhu, Xie, Jingyu, Sun, Yuan. Improved numerical solution of anisotropic poroelastic wave equation in microseismicity [elektronický dokument]: Graphic process unit acceleration and moment tensor implementation. DOI 10.1111/1365-2478.13500 In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2024, Roč. 72, č. 6, s. 2329-2344 [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCO ; WOS CC ; CCC ; SCIE, 2329 - 2344

2024 [1/20] / CHN - Zhang, Wensheng, Joardar, Atish Kumar, Wu, Fei. Stability Analysis for Modelling 3D Poroelastic Wave Propagation by High-Order Staggered-Grid Schemes [elektronický dokument]. DOI 10.4208/aamm.OA-2023-0063 In: Advances in Applied Mathematics and Mechanics. Hongkong: Global Science Press, 2024, Roč. 16, č. 5, s. 1121-1151 [tlačená forma] [online]. ISSN 2070-0733. ISSN (online) 2075-1354. - SCO ; WOS CC ; CCC ; SCIE, 1121 - 1151

2024 [1/20] / NLD - Liu, Zhongxian, Huang, Zhenen, He, Weiguo, Yu, Haitao, Huang, Lei. Three-dimensional broadband simulation of near-fault seismic ground motion considering complete source-path-site effect: Modeled by fast multipole indirect boundary element method. DOI 10.1016/j.compstruc.2024.107319 In: Computers & Structures: Solids • Structures • Fluids • Multiphysics. Amsterdam: Elsevier, 2024, č. 297, art. no. 107319 [tlačená forma]. ISSN 0045-7949. - SCO ; WOS CC ; CCC ; SCIE, art. no. 107319

2023 [1/20] / GBR - Jiang, Yaochang, Gao, Yongxin, Cheng, Qianli, Song, Yongjia. Semi-analytical simulation of seismic waves generated by a point source in 1-D layered half-space of double-porosity media [elektronický dokument]. DOI 10.1093/gji/ggad263 In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 235, č. 1, s. 970-995 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 970 - 995

2024 [1/20] / NLD - Li, Ruiqi, Zhang, Yijie, Liu, Naihao, Gao, Jinghuai. A nodal discontinuous Galerkin method for wave propagation in coupled acoustic–elastic media [elektronický dokument]. DOI 10.1111/1365-2478.13520 In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2024, Roč. 72, č. 6, s. 2282-2299 [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCO ; WOS CC ; CCC ; SCIE, 2282 - 2299

ADC_006 / Chovanová, Zuzana (Autor) [Interný doktorand] [UKOPRGGF] (50%) - Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (50%): A local magnitude scale for Slovakia, Central Europe. – text, obr. – DOI 10.1785/0120180059. – CCC ; SCO ; WOS CC ; SCIE

In: *Bulletin of the Seismological Society of America* [textový dokument (print)] [elektronický dokument] . – ElCerrito (USA) : Seismological Society of America. – ISSN 0037-1106. – ISSN (online) 1943-3573. – Roč. 108, č. 5A (2018), s. 2756-2763 [tlačená forma] [online]

Počet všetkých autorov: 2

[článok]

Lit.: 24

[OV 092 Vedy o Zemi a vesmíre]

Indikátor časopisu:

IF: 2.289

SNIP: 1,427

SJR: 1,331

CiteScore: 4,3

Kvartil Q:

JIF - Geochemistry & geophysics - Q2**Scimago** - Geochemistry and petrology - Q1, Geophysics - Q1

Ohlasy (3):

2019 [1/12] / GBR - Bindi, D., Zaccarelli, R., Strollo, A., Di Giacomo, D. Harmonized local magnitude attenuation function for Europe using the European Integrated Data Archive (EIDA) [elektronický dokument]. DOI 10.1093/gji/ggz178 In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 218, č. 1, 519-533 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - WOS CC ; SCO ; SCIE ; CCC, 519 - 533

2022 [1/20] / GBR - Abdullah, Hussein, Abd-Elhafeez, Tharwat h., El-Hady, Sherif M., Soliman, Mahmoud Sami, Ezzelarab, Mohamed. Development a local magnitude scale for South Egypt [elektronický dokument]. DOI 10.1016/j.jafrearsci.2022.104478 In: Journal of African Earth Sciences. Londýn: Elsevier, 2022, č. 188, art. no. 104478 [tlačená forma] [online]. ISSN 1464-343X. ISSN (online) 1879-1956. - SCO, art. no. 104478

2024 [1/20] / USA - Diez Zaldivar, Eduardo R., Sandron, Denis, Mustelier, Manuel Cutie. Calibration of the Local Magnitude Scale (ML) for Eastern Cuba [elektronický dokument]. DOI 10.1785/0220230286 In: Seismological Research Letters. Albany: Seismological Society of America, 2024, Roč. 95, č. 2 A, s. 791-803 [tlačená forma] [online]. ISSN 0895-0695. ISSN (online) 1938-2057. - SCO ; WOS CC ; SCIE ; CCC, 791 - 803

ADC_007 / Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (35%) - Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (30%) - Bard, Pierre-Yves (Autor) (15%) - Hollender, Fabrice (Autor) (10%) - Stripajová, Svetlana (Autor) [Interný doktorand] [UKOMFKAFZM] (10%): Computation of amplification factor of earthquake ground motion for a local sedimentary structure. – text, tab., obr. – DOI 10.1007/s10518-018-0358-0. – SCO ; CCC ; WOS CC ; SCIE

In: *Bulletin of Earthquake Engineering* [textový dokument (print)] [elektronický dokument] : Official Publication of the European Association for Earthquake Engineering. – Dordrecht (Holandsko) : Springer Nature. Springer International Publishing AG. – ISSN 1570-761X. – ISSN (online) 1573-1456. – Roč. 16, č. 6 (2018), s. 2451-2475 [tlačená forma] [online]

Počet všetkých autorov: 5

[článok]

Lit.: 22

[OV 092 Vedy o Zemi a vesmíre]

Indikátor časopisu:

IF: 2.406

SNIP: 1,619

SJR: 1,457

CiteScore: 4,6

Kvartil Q:

JIF - Engineering, geological - Q2, Geosciences, multidisciplinary - Q2 **Scimago** - Building and construction - Q1, Civil and structural engineering - Q1, Geophysics - Q1, Geotechnical engineering and engineering geology - Q1

Ohlasy (9):

2021 [1/12] / NLD - Touhami, Sara, Lopez-Caballero, Fernando, Clouteau, Didier. A holistic approach of numerical analysis of the geology effects on ground motion prediction: Argostoli site test [elektronický dokument]. DOI 10.1007/s10950-020-09961-0 In: Journal of Seismology. Dordrecht: Springer Nature, 2021, Roč. 25, č. 1, 115-140 [tlačená forma] [online]. ISSN 1383-4649. ISSN (online) 1573-157X. - SCO ; WOS CC ; SCIE ; CCC, 115 - 140

2020 [1/12] / USA - Brissaud, Quentin, Bowden, Daniel C., Tsai, Victor C. Extension of the Basin Rayleigh-Wave Amplification Theory to Include Basin-Edge Effects [elektronický dokument]. DOI 10.1785/0120190161 In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2020, Roč. 110, č. 3, 1305-1322 [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - WOS CC ; SCO ; SCIE ; CCC, 1305 - 1322

2020 [1/12] / GBR - Kim, Sunyul, Hwang, Youngdeok, Seo, Hwanwoo, Kim, Byungmin. Ground motion amplification models for Japan using machine learning techniques [elektronický dokument]. DOI 10.1016/j.soildyn.2020.106095 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2020, č. 132, art. no. 106095 [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCO ; WOS CC ; SCIE ; CCC, art. no. 106095

2023 [1/20] / GBR - Qiang, Shengyin, Wang, Hongwei, Wen, Ruizhi, Liu, Qifang, Zhou, Ying. Investigating the effects of structural parameters on seismic aggravation of two-dimensional sedimentary valleys [elektronický dokument]. DOI 10.1016/j.soildyn.2023.107964 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2023, č. 171, art. no. 107964 [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCO ; SCIE ; CCC ; WOS CC, art. no. 107964

2023 [1/20] / GBR - Sreejaya, K. P., Raghukanth, S. T.G., Srinagesh, D. Seismic wave propagation simulations in Indo-Gangetic basin using spectral element method [elektronický dokument]. DOI 10.1093/gji/ggac301 In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 232, č. 1, s. 247-273 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; SCIE ; CCC ; WOS CC, 247 - 273

2023 [1/20] / GBR - Bustos, José, Pastén, César, Pavez, Diego, Acevedo, Miguel, Ruiz, Sergio, Astroza, Rodrigo. Two-dimensional simulation of the seismic response of the Santiago Basin, Chile [elektronický dokument]. DOI 10.1016/j.soildyn.2022.107569 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2023, č. 164, art. no. 107569 [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCO ; SCIE ; CCC ; WOS CC, art. no. 107569

2022 [1/20] / TUR - Özaslan, Bilal, Iyisan, Recep. Determination of spectral aggravation factors in alluvial basins by nonlinear numerical analyses [elektronický dokument]. DOI 10.17341/GAZIMMFD.814370 In: Journal of the Faculty of Engineering and Architecture of Gazi University. Ankara: Gazi Üniversitesi, 2022, Roč. 37, č. 1, s. 247-263 [tlačená forma] [online]. ISSN 1300-1884. ISSN (online) 1304-4915. - SCO ; SCIE ; WOS CC, 247 - 263

2021 [1/20] / GBR - Joseph, Monica, Banerjee, Subhadeep, Pakrashi, Vikram. Estimation of the dynamic amplification factor at backfill soil behind a gravity wall [elektronický dokument]. DOI 10.1680/jgere.21.00005 In: Geotechnical Research. London: ICE Publishing, 2021, Roč. 8, č. 4, art. no. 2100005, s. 95-107 [online]. ISSN (online) 20526156. - SCO ; WOS CC ; ESCI, 95 - 107

2024 [1/20] / NLD - Alleanza, Giorgio Andrea, d'Onofrio, Anna, Silvestri, Francesco. Definition and validation of a valley amplification factor for seismic linear response of 2D homogeneous alluvial basins [elektronický dokument]. DOI 10.1007/s10518-024-01983-0 In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2024, Roč. 22, č. 11, s. 5475-5514 [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCO ; CCC ; WOS CC ; SCIE, 5475 - 5514

ADC_008 / Kubina, Filip (Autor) (40%) - Michlík, Filip (Autor) [Interný doktorand] [UKOMFKAFZM] (30%) - Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (15%) - Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (10%) - Stripajová, Svetlana (Autor) [Interný doktorand] [UKOMFKAFZM] (5%): Adjoint tomography for predicting earthquake ground motion: Methodology and a blind test. – text, obr. – DOI

10.1785/0120170265. – SCO ; CCC ; WOS CC ; SCIE

In: *Bulletin of the Seismological Society of America* [textový dokument (print)] [elektronický dokument] . – ElCerrito (USA) : Seismological Society of America. – ISSN 0037-1106. – ISSN (online) 1943-3573. – suppl. Roč. 108, č. 3A (2018), s. 1257-1271 [tlačená forma] [online]

Počet všech autorů: 5

[článok]

Lit.: 52

[OV 091 Fyzika]

Indikátor časopisu:

IF: 2.289

SNIP: 1,427

SJR: 1,331

CiteScore: 4,3

Kvartil Q:

JIF - Geochemistry & geophysics - Q2**Scimago** - Geochemistry and petrology - Q1, Geophysics - Q1

ADC_009 / Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (25%) - Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (20%) - Bard, Pierre-Yves (Autor) (15%) - Stripajová, Svetlana (Autor) [Interný doktorand] [UKOMFKAFZM] (15%) - Hollender, Fabrice (Autor) (10%) - Chovanová, Zuzana (Autor) [Interný doktorand] [UKOPRGGF] (5%) - Kristeková, Miriam (Autor) [Výskumný pracovník - výskumník] [UKOMFKAFZM] (5%) - Sicilia, Deborah (Autor) (5%): Key structural parameters affecting earthquake ground motion in 2D and 3D sedimentary structures. – text, tab., obr. – [recenzované]. – DOI 10.1007/s10518-018-0345-5. – SCO ; CCC ; WOS CC ; SCIE

In: *Bulletin of Earthquake Engineering* [textový dokument (print)] [elektronický dokument] : Official Publication of the European Association for Earthquake Engineering. – Dordrecht (Holandsko) : Springer Nature. Springer International Publishing AG. – ISSN 1570-761X. – ISSN (online) 1573-1456. – Roč. 16, č. 6 (2018), s. 2421-2450 [tlačená forma] [online]

Počet všech autorů: 8

[článok]

Lit.: 35

[OV 092 Vedy o Zemi a vesmíre - OV 100 Environmentalistika a ekológia]

Indikátor časopisu:

IF: 2.406

SNIP: 1,619

SJR: 1,457

CiteScore: 4,6

Kvartil Q:

JIF - Engineering, geological - Q2, Geosciences, multidisciplinary - Q2**Scimago** - Building and construction - Q1, Civil and structural engineering - Q1, Geophysics - Q1, Geotechnical engineering and engineering geology - Q1

Ohlasy (49):

2021 [1/12] / NLD - Falcone, Gaetano, Acunzo, Gianluca, Mendicelli, Amerigo, Mori, Federico, Naso, Giuseppe, Peronace, Edoardo, Porchia, Attilio, Romagnoli, Gino, Tarquini, Emanuele, Moscatelli, Massimiliano. Seismic amplification maps of Italy based on site-specific microzonation dataset and one-dimensional numerical approach [elektronický dokument]. DOI 10.1016/j.enggeo.2021.106170 In: *Engineering Geology: An International Journal*. Amsterdam: Elsevier, 2021, Roč. 289, art. no. 106170 [tlačená forma] [online]. ISSN 0013-7952. ISSN (online) 1872-6917. – SCO ; WOS CC ; CCC

2019 [1/12] / NLD - Ruan, Bin, Zhao, Kai, Wang, Su-Yang, Chen, Guo-Xing, Wang, Hai-Yun. Numerical modeling of seismic site effects in a shallow estuarine bay (Suai Bay, Shantou, China) [elektronický dokument]. DOI 10.1016/j.enggeo.2019.105233 In: *Engineering Geology: An International Journal*. Amsterdam: Elsevier, 2019, Roč. 260, art. no. 105233 [tlačená forma] [online]. ISSN 0013-7952. ISSN (online) 1872-6917. – WOS CC ; SCO, art. no. 105233

2020 [1/12] / CHN - Yu, Yan Yan, Ding, Hai Ping, Liu, Qi Fang. Effects of impedance ratio between basin sediment and surrounding rock on seismic ground motions and basin-induced Rayleigh waves. DOI 10.11779/CJGE202004009 In: *Yantu Gongcheng Xuebao/Chinese Journal of Geotechnical Engineering*. Beijing: Chinese Society of Civil Engineering, 2020, Roč. 42, č. 4, 667-677 [tlačená forma] [online]. ISSN 10004548. – SCO, 667 - 677

2020 [1/12] / NLD - Rohmer, O., Bertrand, E., Mercerat, E. D., Regnier, J., Pernoud, M., Langlaude, P., Alvarez, M. Combining borehole log-stratigraphies and ambient vibration data to build a 3D Model of the

Lower Var Valley, Nice (France) [elektronický dokument]. DOI 10.1016/j.enggeo.2020.105588 In: Engineering Geology: An International Journal. Amsterdam: Elsevier, 2020, Roč. 270, art. no. 105588 [tlačená forma] [online]. ISSN 0013-7952. ISSN (online) 1872-6917. - WOS CC ; SCO, art. no. 105588

2020 [1/12] / USA - Brissaud, Quentin, Bowden, Daniel C., Tsai, Victor C. Extension of the Basin Rayleigh-Wave Amplification Theory to Include Basin-Edge Effects [elektronický dokument]. DOI 10.1785/0120190161 In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2020, Roč. 110, č. 3, 1305-1322 [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - WOS CC ; SCO ; SCIE ; CCC, 1305 - 1322

2021 [1/12] / GBR - Ayoubi, Peyman, Mohammadi, Kami, Asimaki, Domniki. A systematic analysis of basin effects on surface ground motion [elektronický dokument]. DOI 10.1016/j.soildyn.2020.106490 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2021, č. 141, art. no. 106490 [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCO ; WOS CC ; CCC, art. no. 106490

2021 [1/12] / NLD - Ashayeri, Iman, Memari, Mohammad Amin, Haghshenas, Ebrahim. Seismic microzonation of Sarpol-e-zahab after Mw 7.3 2017 Iran earthquake: 1D-equivalent linear approach [elektronický dokument]. DOI 10.1007/s10518-020-00999-6 In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2021, Roč. 19, č. 2, 605-622 [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCO ; WOS CC ; SCIE ; CCC, 605 - 622

2021 [1/12] / GBR - Salomón, J., Pastén, C., Ruiz, S., Leyton, F., Sáez, M., Rauld, R. Shear wave velocity model of the abanico formation underlying the santiago city metropolitan area, chile, using ambient seismic noise tomography [elektronický dokument]. DOI 10.1093/gji/ggaa600 In: Geophysical Journal International. Oxford: Oxford University Press, 2021, Roč. 225, č. 2, 1222-1235 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC, 1222 - 1235

2022 [1/20] / USA - Özaslan, Bilal, Akbaş, Merve, İyisan, Recep. 2D site response in alluvial basins by finite difference-based numerical method. DOI 10.1063/5.0106512 In: 6th World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium (WMCAUS 2021). New York: American Institute of Physics. AIP Publishing, 2022, art. no. 020001 . ISBN 978-0-7354-4266-5. - SCO, art. no. 020001

2022 [1/20] / GBR - Liu, Zhong Xian, Huang, Zhen En, Meng, Si Bo. Three-dimensional IBEM solution to seismic wave scattering by a near-fault sedimentary basin. DOI 10.1016/j.enganabound.2022.04.017 In: Engineering analysis with boundary elements: the international journal for boundary element research and applications. Southampton: Computational Mechanics Publications, 2022, č. 140, s. 220-242 [tlačená forma]. ISSN 0955-7997. - SCO ; WOS CC ; CCC, 220 - 242

2022 [1/20] / CHE - Meng, Si bo, Zhao, Jia wei, Liu, Zhong xian, Jin, Wei. Prediction and Modeling for Local Site Amplification Effect of Ground Motion: Exploring Optimized Machine Learning Approaches [elektronický dokument]. DOI 10.1007/s00024-022-02997-y In: Pure and Applied Geophysics: pageoph. Bazel: Springer Nature. Springer International Publishing AG, 2022, Roč. 179, č. 5, s. 1805-1827 [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCO ; WOS CC ; CCC, 1805 - 1827

2022 [1/20] / GBR - Chabot, S., Mercerat, E. D., Glinsky, N., Bonilla, L. F. An efficient algorithm for sampling the shear-modulus reduction curve in the context of wave propagation using the elastoplastic Iwan model [elektronický dokument]. DOI 10.1093/gji/ggab431 In: Geophysical Journal International. Oxford: Oxford University Press, 2022, Roč. 228, č. 3, s. 1907-1917 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC, 1907 - 1917

2022 [1/20] / USA - Kintner, Jonas A., Michael Cleveland, K., Modrak, Ryan, Dunham, Audrey. Rayleigh Wave Propagation in the Bighorn Mountains Region, Wyoming [elektronický dokument]. DOI 10.1785/0120210116 In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2022, Roč. 112, č. 1, s. 153-170 [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCO ; WOS CC ; CCC, 153 - 170

2022 [1/20] / USA - Jiang, Chang, Yahong, Deng, Huangdong, Mu, You, Xuan, Ge, Cao. A microtremor study to reveal the dynamic response of earth fissure site: the case study in Fenwei Basins, China [elektronický dokument]. DOI 10.1007/s12665-022-10217-y In: Environmental Earth Sciences. New York: Springer Nature. Springer International Publishing AG, 2022, Roč. 81, č. 3, art. no. 80 [tlačená forma] [online]. ISSN 1866-6280. ISSN (online) 1866-6299. - SCO ; WOS CC ; CCC, art. no. 80

2022 [1/20] / NLD - Ozaslan, B., Iyisan, R., Hasal, M. E., Khanbabazadeh, H., Yamanaka, H. Assessment of the design spectrum with aggravation factors by 2D nonlinear numerical analyses: a case study in the Gemlik Basin, Turkey [elektronický dokument]. DOI 10.1007/s10518-021-01296-6 In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2022, Roč. 20, č. 3, s. 1371-1395 [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCO ; WOS CC ; CCC, 1371 - 1395

2022 [1/20] / GBR - Mendicelli, Amerigo, Falcone, Gaetano, Acunzo, Gianluca, Mori, Federico, Naso, Giuseppe, Peronace, Edoardo, Porchia, Attilio, Romagnoli, Gino, Moscatelli, Massimiliano. Italian seismic amplification factors for peak ground acceleration and peak ground velocity [elektronický dokument]. DOI 10.1080/17445647.2022.2101947 In: Journal of Maps. Abingdon: Taylor & Francis Group, 2022, Roč. 18, č. 2, s. 497-507 [online]. ISSN (online) 1744-5647. - SCO ; WOS CC ; SSCI, 497 - 507

2021 [1/20] / GBR - Liu, Zhong Xian, Huang, Zhen En, Zhang, Zheng, Meng, Si Bo, Huang, Lei. Three-dimensional preconditioned FM-IBEM solution to broadband-frequency seismic wave scattering in a layered sedimentary basin. DOI 10.1016/j.enganabound.2021.08.012 In: Engineering analysis with boundary elements: the international journal for boundary element research and applications. Southampton: Computational Mechanics Publications, 2021, č. 133, s. 1-18 [tlačená forma]. ISSN 0955-7997. - SCO ; WOS CC ; CCC, 1 - 18

2021 [1/20] / ITA - Falcone, Gaetano, Vacca, Vitantonio, Mori, Federico, Naso, Giuseppe, Spina, Daniele. Evaluation of building seismic retrofitting costs founded on experimental data. The case study of "San Benedetto" School (Norcia, Italy) [elektronický dokument]. DOI 10.3301/IJG.2021.09 In: Italian Journal of Geosciences. Roma: Societa Geologica Italiana, 2021, Roč. 140, č. 3, s. 365-381 [tlačená forma] [online]. ISSN 2038-1719. ISSN (online) 2038-1727. - SCO ; WOS CC ; CCC, 365 - 381

2021 [1/20] / CHN - Zhang, Xiaolong, Peng, Xiaobo, Li, Xiaojun, Zhou, Zhenghua, Xu, Chong, Dou, Zhan, Liu, Bideng. Three-Dimensional Seismic Response in Complex Site Conditions: A New Approach Based on an Auxiliary-Model Method [elektronický dokument]. DOI 10.1007/s12583-021-1471-6 In: Journal of Earth Science. Wuhan: China University of Geosciences, 2021, Roč. 32, č. 5, s. 1152-1165 [tlačená forma] [online]. ISSN 1674-487X. ISSN (online) 1867-111X. - SCO ; WOS CC, 1152 - 1165

2021 [1/20] / GBR - Rodriguez-Plata, R., Ozcebe, A. G., Smerzini, C., Lai, C. G. Aggravation factors for 2D site effects in sedimentary basins: The case of Norcia, central Italy [elektronický dokument]. DOI 10.1016/j.soildyn.2021.106854 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2021, Roč. 149, art. no. 106854 [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCO ; WOS CC ; CCC, art. no. 106854

2021 [1/20] / CHE - Hu, Yiwei, Lam, Nelson, Khatiwada, Prashidha, Menegon, Scott Joseph, Looi, Daniel T.W. Site-Specific Response Spectra: Guidelines for Engineering Practice [elektronický dokument]. DOI 10.3390/civileng2030039 In: CivilEng. Bazilej: Multidisciplinary Digital Publishing Institute, 2021, Roč. 2, č. 3, s. 712-735 [online]. ISSN (online) 2673-4109. - SCO, 712 - 735

2021 [1/20] / USA - Pudi, Ramesh, Martha, Tapas R., Roy, Priyom, Kumar, K. Vinod, Rao, P. Rama. Mesoscale seismic hazard zonation in the Central Seismic Gap of the Himalaya by GIS-based analysis of ground motion, site and earthquake-induced effects [elektronický dokument]. DOI 10.1007/s12665-021-09907-w In: Environmental Earth Sciences. New York: Springer Nature. Springer International Publishing AG, 2021, Roč. 80, č. 18, art. no. 613 [tlačená forma] [online]. ISSN 1866-6280. ISSN (online) 1866-6299. - SCO ; WOS CC ; CCC, art. no. 613

2021 [1/20] / NLD - Makra, Konstantia, Rovithis, Emmanouil, Riga, Evi, Raptakis, Dimitrios, Pitilakis, Kyriazis. Amplification features and observed damages in İzmir (Turkey) due to 2020 Samos (Aegean Sea) earthquake: identifying basin effects and design requirements [elektronický dokument]. DOI 10.1007/s10518-021-01148-3 In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2021, Roč. 19, č. 12, s. 4773-4804 [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCO ; WOS CC ; CCC, 4773 - 4804

2021 [1/20] / CHE - Pilecka, Elżbieta, Stec, Krystyna, Chodacki, Jacek, Pilecki, Zenon, Szermer-Zaucha, Renata, Krawiec, Krzysztof. The impact of high-energy mining-induced tremor in a fault zone on damage to buildings [elektronický dokument]. DOI 10.3390/en14144112 In: Energies. Bazilej: Multidisciplinary

Digital Publishing Institute, 2021, Roč. 14, č. 14, art. no. 4112 [online]. ISSN (online) 1996-1073. - SCO ; WOS CC ; CCC, art. no. 4112

2023 [1/20] / GBR - Qiang, Shengyin, Wang, Hongwei, Wen, Ruizhi, Liu, Qifang, Zhou, Ying. Investigating the effects of structural parameters on seismic aggravation of two-dimensional sedimentary valleys [elektronický dokument]. DOI 10.1016/j.soildyn.2023.107964 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2023, č. 171, art. no. 107964 [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCO ; SCIE ; CCC ; WOS CC, art. no. 107964

2023 [1/20] / GBR - Sreejaya, K. P., Raghukanth, S. T.G., Srinagesh, D. Seismic wave propagation simulations in Indo-Gangetic basin using spectral element method [elektronický dokument]. DOI 10.1093/gji/ggac301 In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 232, č. 1, s. 247-273 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; SCIE ; CCC ; WOS CC, 247 - 273

2023 [1/20] / GBR - Bustos, José, Pastén, César, Pavez, Diego, Acevedo, Miguel, Ruiz, Sergio, Astroza, Rodrigo. Two-dimensional simulation of the seismic response of the Santiago Basin, Chile [elektronický dokument]. DOI 10.1016/j.soildyn.2022.107569 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2023, č. 164, art. no. 107569 [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCO ; SCIE ; CCC ; WOS CC, art. no. 107569

2023 [1/20] / USA - Mascandola, Claudia, Barani, Simone, Albarello, Dario. Impact of Site-Response Characterization on Probabilistic Seismic Hazard in the Po Plain (Italy) [elektronický dokument]. DOI 10.1785/0120220177 In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2023, Roč. 113, č. 3, s. 1269-1285 [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCO ; WOS CC ; CCC, 1269 - 1285

2023 [1/20] / CHE - Falcone, Gaetano, Elia, Gaetano, di Lernia, Annamaria. Investigating the Influence of a Pre-Existing Shear Band on the Seismic Response of Ideal Step-like Slopes Subjected to Weak Motions: Preliminary Results. DOI 10.3390/geosciences13050148 In: Geosciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2023, Roč. 13, č. 5, art. no. 148 [online]. ISSN 2076-3263. - SCO ; WOS CC ; ESCI, art. no. 148

2023 [1/20] / CHE - Faraone, Chiara, Caravaggio, Serena, Chávez, José Alexander, Castillo Ramos, Luis Alfonso, Rainone, Mario Luigi, Vessia, Giovanna. 2D FEM Numerical Prediction of Local Seismic Effects at San Salvador Municipality (El Salvador) Induced by 2001 Earthquakes. DOI 10.3390/geosciences13040116 In: Geosciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2023, Roč. 13, č. 4, art. no. 116 [online]. ISSN 2076-3263. - SCO ; WOS CC ; ESCI, art. no. 116

2023 [1/20] / CHE - Sun, Rui, Qi, Wanwan, Zheng, Tong, Qi, Jinlei. Explainable Machine-Learning Predictions for Peak Ground Acceleration [elektronický dokument]. DOI 10.3390/app13074530 In: Applied sciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2023, Roč. 13, č. 7, art. no. 4530 [online]. ISSN (online) 2076-3417. - SCO ; WOS CC ; CCC ; SCIE, art. no. 4530

2022 [1/20] / USA - Xie, Zhinan, Ma, Wanjun. Basin effect quantitation of four deep basins in Japan to explain the gap between empirical and numerical basin-depth effect models [elektronický dokument]. DOI 10.1002/eqe.3712 In: Earthquake Engineering and Structural Dynamics. Chichester: John Wiley & Sons. Wiley-Blackwell, 2022, Roč. 51, č. 13, s. 3047-3068 [tlačená forma] [online]. ISSN 0098-8847. ISSN (online) 1096-9845. - SCO ; WOS CC ; CCC, 3047 - 3068

2022 [1/20] / GBR - Panzera, Francesco, Alber, Jonas, Imperatori, Walter, Bergamo, Paolo, Fäh, Donat. Reconstructing a 3D model from geophysical data for local amplification modelling: The study case of the upper Rhone valley, Switzerland [elektronický dokument]. DOI 10.1016/j.soildyn.2022.107163 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2022, Roč. 155, art. no. 107163 [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCO ; WOS CC ; CCC, art. no. 107163

2022 [1/20] / GBR - Anquez, Pierre, Glinsky, Nathalie, Cupillard, Paul, Caumon, Guillaume. Impacts of geometric model simplifications on wave propagation - application to ground motion simulation in the lower Var valley basin (France) [elektronický dokument]. DOI 10.1093/gji/ggab447 In: Geophysical Journal International. Oxford: Oxford University Press, 2022, Roč. 229, č. 1, s. 110-137 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC, 110 - 137

2022 [1/20] / CHE - Touhami, Sara, Gatti, Filippo, Lopez-Caballero, Fernando, Cottureau, Régis, de

Abreu Corrêa, Lúcio, Aubry, Ludovic, Clouteau, Didier. SEM3D: A 3D High-Fidelity Numerical Earthquake Simulator for Broadband (0–10 Hz) Seismic Response Prediction at a Regional Scale. DOI 10.3390/geosciences12030112 In: Geosciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2022, Roč. 12, č. 3, art. no. 112 [online]. ISSN 2076-3263. - SCO ; WOS CC ; ESCI, art. no. 112

2022 [1/20] / GBR - Zhang, Ning, Pan, Jiasuo, Gao, Yufeng, Chen, Xin, Dai, Denghui, Zhang, Yu. Surface motion of an arbitrary number of semi-circular viscoelastic alluvial valleys for incident plane SH waves [elektronický dokument]. DOI 10.1093/gji/ggab414 In: Geophysical Journal International. Oxford: Oxford University Press, 2022, Roč. 228, č. 3, s. 1607-1620 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC, 1607 - 1620

2024 [1/20] / NLD - Sreejaya, K. P., Raghukanth, S. T.G. A 3D computational model for ground motion simulation in Peninsular India [elektronický dokument]. DOI 10.1016/j.pepi.2024.107208 In: Physics of the Earth and Planetary Interiors: a journal devoted to observational and experimental studies of the earth and planetary interiors and their theoretical interpretation by the physical sciences. Amsterdam: Elsevier, 2024, č. 353, art. no. 107208 [tlačená forma] [online]. ISSN 0031-9201. ISSN (online) 1872-7395. - SCO ; WOS CC ; CCC ; SCIE, art. no. 107208

2024 [1/20] / NLD - Zhong, Zilan, Ni, Bo, Shen, Jiaxu, Du, Xiuli. Neural network prediction model for site response analysis based on the KiK-net database [elektronický dokument]. DOI 10.1016/j.compgeo.2024.106366 In: Computers and Geotechnics. Amsterdam: Elsevier, 2024, č. 171, art. no. 106366 [tlačená forma] [online]. ISSN 0266352X. ISSN (online) 18737633. - SCO ; WOS CC ; CCC ; SCIE, art. no. 106366

2024 [1/20] / NLD - Alleanza, Giorgio Andrea, d'Onofrio, Anna, Silvestri, Francesco. Definition and validation of a valley amplification factor for seismic linear response of 2D homogeneous alluvial basins [elektronický dokument]. DOI 10.1007/s10518-024-01983-0 In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2024, Roč. 22, č. 11, s. 5475-5514 [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCO ; CCC ; WOS CC ; SCIE, 5475 - 5514

2023 [1/20] / GRC - Lehmann, Fanny, Gatti, Filippo, Bertin, Michaël, Clouteau, Didier. Fourier Neural Operator Surrogate Model to Predict 3D Seismic Waves Propagation In: 5th ECCOMAS Thematic Conference on Uncertainty Quantification in Computational Sciences and Engineering: UNCECOMP 2023: UNCECOMP Proceedings. Zografou: National Technical University of Athens, 2023, s. 1-14 [online]. - SCO, 1 - 14

2024 [1/20] / USA - He, Jiacong, Zhang, Long, Liu, Wei, Zhou, Zhenghua, Zhang, Haoran, Peng, Cheng, Gao, Jiachen, Pan, Jingmin. The analysis of Yunnan Dayao basin effect based on microtremor test and numerical simulation [elektronický dokument]. DOI 10.1002/eer2.87 In: Earthquake Engineering and Resilience. Hoboken: John Wiley & Sons, 2024, Roč. 3, č. 3, s. 357-371 [tlačená forma] [online]. ISSN 2770-5714. ISSN (online) 2770-5706. - WOS CC ; ESCI, 357 - 371

2023 [1/20] / SGP - Yu, Yanyan, Liu, Qifang, Ding, Haiping. Sensitivity Study of Seismic Amplification Effect of Large-Scale Sichuan Basin on Key Parameters During the Great Wenchuan Earthquake [elektronický dokument]. DOI 10.1142/S1793431123500239 In: Journal of Earthquake and Tsunami. Singapur: World Scientific Publishing, 2023, Roč. 17, č. 6, art. no. 23500239 [tlačená forma] [online]. ISSN 1793-4311. ISSN (online) 1793-7116. - SCO ; WOS CC ; SCIE, art. no. 23500239

2024 [1/20] / GBR - Lehmann, Fanny, Gatti, Filippo, Bertin, Michaël, Clouteau, Didier. Synthetic ground motions in heterogeneous geologies from various sources [elektronický dokument]: The HEMEWS-3D database. DOI 10.5194/essd-16-3949-2024 In: Earth System Science Data: The Data Publishing Journal. Bristol: Institute of Physics. IOP Publishing, 2024, Roč. 16, č. 9, s. 3949-3972 [tlačená forma] [online]. ISSN 1866-3508. ISSN (online) 1866-3516. - SCO ; WOS CC ; SCIE ; CCC, 3949 - 3972

2024 [1/20] / USA - Guo, Zhen, Li, Lei. Investigation of Site Response in Xinjiang, Northwestern China, from S-Lg Fourier Amplitude Spectra [elektronický dokument]. DOI 10.1785/0120230141 In: Bulletin of the Seismological Society of America. EICerrito: Seismological Society of America, 2024, Roč. 114, č. 3, s. 1680-1694 [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCO ; WOS CC ; SCIE ; CCC, 1680 - 1694

2024 [1/20] / NLD - Lehmann, Fanny, Gatti, Filippo, Bertin, Michaël, Clouteau, Didier. 3D elastic wave propagation with a Factorized Fourier Neural Operator (F-FNO) [elektronický dokument]. DOI

10.1016/j.cma.2023.116718 In: Computer Methods in Applied Mechanics and Engineering. Amsterdam: Elsevier, 2024, č. 420, art. no. 116718 [tlačená forma] [online]. ISSN 0045-7825. ISSN (online) 1879-2138. - SCO ; WOS CC ; CCC ; SCIE, art. no. 116718

2024 [1/20] / NLD - Acunzo, Gianluca, Falcone, Gaetano, di Lernia, Annamaria, Mori, Federico, Mendicelli, Amerigo, Naso, Giuseppe, Albarello, Dario, Moscatelli, Massimiliano. NC92Soil [elektronický dokument]: A computer code for deterministic and stochastic 1D equivalent linear seismic site response analyses. DOI 10.1016/j.compgeo.2023.105857 In: Computers and Geotechnics. Amsterdam: Elsevier, 2024, č. 165, art. no. 105857 [tlačená forma] [online]. ISSN 0266352X. ISSN (online) 18737633. - SCO ; WOS CC ; CCC ; SCIE, art. no. 105857

2023 [1/20] / CHN - Wu, Yeqin, Yu, Yanyan, Ding, Haiping. Time-frequency amplification characteristics of ground shaking in 3-D sedimentary basins considering the influence of impedance ratio. DOI 10.19994/j.cnki.WEE.2023.0059 In: World Earthquake Engineering. [s.l.]: Science and Technology Periodical Press, 2023, Roč. 39, č. 3, s. 129-141 [tlačená forma]. ISSN 1007-6069. - SCO, 129 - 141

2023 [1/20] / GBR - Zahoor, Falak, Rao, K. Seshagiri, Mir, Bashir Ahmed, Satyam, Neelima. Geophysical surveys in the Kashmir valley (J&K Himalayas) part II [elektronický dokument]: Anomalous seismic site-effects and exploration of alternative site classification schemes. DOI 10.1016/j.soildyn.2023.108185 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2023, č. 174, art. no. 108185 [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCO ; WOS CC ; SCIE ; CCC, art. no. 108185

2023 [1/20] / CHE - Yang, Xiaomei, Hu, Miao, Chen, Xin, Teng, Shuai, Chen, Gongfa, Bassir, David. Predicting Models for Local Sedimentary Basin Effect Using a Convolutional Neural Network [elektronický dokument]. DOI 10.3390/app13169128 In: Applied sciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2023, Roč. 13, č. 16, art. no. 9128 [online]. ISSN (online) 2076-3417. - SCO ; WOS CC ; CCC ; SCIE, art. no. 9128

ADC_010 / Régnier, Julie (Autor) (1.927%) - Bonilla, Luis Fabian (Autor) (1.923%) - Bard, Pierre-Yves (Autor) (1.923%) - Bertrand, Étienne (Autor) (1.923%) - Hollender, Fabrice (Autor) (1.923%) - Kawase, Hiroshi (Autor) (1.923%) - Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (1.923%) - Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (1.923%) - Richterová, Aneta (Autor) [Externý doktorand] [UKOMFKAFZM] (1.923%): PRENOLIN: International Benchmark on 1D Nonlinear Site-Response Analysis-Validation Phase Exercise. – text. – DOI 10.1785/0120170210. – SCO ; WOS CC ; SCIE ; CCC
In: *Bulletin of the Seismological Society of America* [textový dokument (print)] [elektronický dokument] . – ElCerrito (USA) : Seismological Society of America. – ISSN 0037-1106. – ISSN (online) 1943-3573. – Roč. 108, č. 2 (2018), s. 876-900 [tlačená forma] [online]

Počet všetkých autorov: 52

[článok]

Lit.: 65

[OV 092 Vedy o Zemi a vesmíre]

Indikátor časopisu:

IF: 2.289

SNIP: 1,427

SJR: 1,331

CiteScore: 4,3

Kvartil Q:

JIF - Geochemistry & geophysics - **Q2Scimago** - Geochemistry and petrology - **Q1**, Geophysics - **Q1**

Ohlasy (47):

2018 [1/12] / ITA - Oliveira, S. P., Azevedo, J. S., Porsani, M. J. A numerical viscoelastic model of ground response assimilating pore-water pressure measurements [elektronický dokument] In: Bollettino di Geofisica Teorica ed Applicata. Sgonico TS: Istituto Nazionale di Oceanografia e di Geofisica Sperimentale, 2018, Roč. 59, č. 3, [tlačená forma] [online]. ISSN 0006-6729. ISSN (online) 2239-5695. - SCO, 223 - 248

2019 [1/12] / NLD - Ruan, B., Zhao, K., Wang, S. Y., Chen, G. X., Wang, H. Y. Numerical modeling of seismic site effects in a shallow estuarine bay (Suai Bay, Shantou, China) [elektronický dokument]. DOI 10.1016/j.enggeo.2019.105233 In: Engineering Geology: An International Journal. Amsterdam: Elsevier, 2019, Roč. 260, [tlačená forma] [online]. ISSN 0013-7952. ISSN (online) 1872-6917. - SCIE ; SCO ; WOS CC, Art. No. UNSP

2020 [1/12] / GBR - Barrios, G. – Larkin, T. – Chouw, N. Influence of shallow footings on the dynamic response of saturated sand with low confining pressure [elektronický dokument]. DOI 10.1016/j.soildyn.2019.105872 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2020, Roč. 128, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, Art. No. 105872

2020 [1/12] / NLD - Conti, R. – Angelini, M. – Licata, V. Nonlinearity and strength in 1D site response analyses: a simple constitutive approach [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2020, Roč. 18, č. 10, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 4629 - 4657

2020 [1/12] / USA - Pain, A. – Nimbalkar, S. – Hussain, M. Applicability of Bouc-Wen Model to Capture Asymmetric Behavior of Sand at High Cyclic Shear Strain [elektronický dokument] In: International journal of geomechanics. Reston: The American Society of Civil Engineers, 2020, Roč. 20, č. 6, [online]. ISSN 1532-3641. ISSN (online) 1943-5622. - SCIE ; SCO ; WOS CC, Art. No. 06020009

2020 [1/12] / NLD - Yuan, Y., Yang, Y., Zhang, S., Yu, H., Sun, J. A benchmark 1 g shaking table test of shallow segmental mini-tunnel in sand [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2020, Roč. 18, č. 11, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCO, 5383 - 5412

2021 [1/12] / USA - Barrios, G., Larkin, T., Chouw, N. Experimental study of the seismic response of a structure set amongst closely adjacent structures [elektronický dokument] In: Earthquake Engineering and Structural Dynamics. Chichester: John Wiley & Sons. Wiley-Blackwell, 2021, Roč. 50, č. 14, [tlačená forma] [online]. ISSN 0098-8847. ISSN (online) 1096-9845. - SCIE ; SCO ; WOS CC, 3771 - 3791

2021 [1/12] / USA - Chen, G., Wang, Y., Zhao, D., Zhao, K., Yang, J. A new effective stress method for nonlinear site response analyses [elektronický dokument] In: Earthquake Engineering and Structural Dynamics. Chichester: John Wiley & Sons. Wiley-Blackwell, 2021, Roč. 50, č. 6, [tlačená forma] [online]. ISSN 0098-8847. ISSN (online) 1096-9845. - SCIE ; SCO ; WOS CC, 1595 - 1611

2022 [1/20] / NLD - Parolai, S., Lai, C. G., Dreossi, I., Ktenidou, O.-J., Yong, A. A review of near-surface Q(S) estimation methods using active and passive sources [elektronický dokument] In: Journal of Seismology. Dordrecht: Springer Nature, 2022, Roč. 26, č. 4, [tlačená forma] [online]. ISSN 1383-4649. ISSN (online) 1573-157X. - SCIE ; SCO ; WOS CC, 823 - 862

2021 [1/20] / CHE - Hu, Y., Lam, N., Khatiwada, P., Menegon, S. J., Looi, D. T. W. Site-Specific Response Spectra: Guidelines for Engineering Practice [elektronický dokument] In: CivilEng. Bazilej: Multidisciplinary Digital Publishing Institute, 2021, Roč. 2, č. 3, [online]. ISSN (online) 2673-4109. - SCO, 712 - 735

2021 [1/12] / USA - Liu, W., Juang, C. H., Chen, Q., Chen, G. Dynamic site response analysis in the face of uncertainty-an approach based on response surface method [elektronický dokument] In: International Journal for Numerical and Analytical Methods in Geomechanics. Hoboken: John Wiley & Sons, 2021, Roč. 45, č. 12, [tlačená forma] [online]. ISSN 0363-9061. ISSN (online) 1096-9853. - SCIE ; SCO ; WOS CC, 1854 - 1867

2021 [1/12] / USA - Silahtar, A., Kanbur, M. Z. 1D nonlinear site response analysis of the Isparta Basin (Southwestern Turkey) with surface wave (ReMi) and borehole data [elektronický dokument] In: Environmental Earth Sciences. New York: Springer Nature. Springer International Publishing AG, 2021, Roč. 80, č. 7, [tlačená forma] [online]. ISSN 1866-6280. ISSN (online) 1866-6299. - SCIE ; SCO ; WOS CC, Art. No. 268

2021 [1/12] / neurčené - Wang, S., Yu, R., Li, X. Study of effects of time-frequency characteristics of bedrock acceleration on site response analysis In: China Civil Engineering Journal, 2021, Roč. 54, č. 7. - SCO, 101 - 113

2022 [1/20] / USA - Miao, Y., He, H., Liu, H., Wang, S. Reproducing ground response using in-situ soil dynamic parameters [elektronický dokument] In: Earthquake Engineering and Structural Dynamics. Chichester: John Wiley & Sons. Wiley-Blackwell, 2022, Roč. 51, č. 10, [tlačená forma] [online]. ISSN 0098-8847. ISSN (online) 1096-9845. - SCIE ; SCO ; WOS CC, 2449 - 2465

2021 [1/12] / neurčené - Nautiyal, P., Raj, D., Bharathi, M., Dubey, R. Ground Response Analysis: Comparison of 1D, 2D and 3D Approach In: Indian Geotechnical Conference (IGC 2019) : Lecture Notes in Civil Engineering. Singapore: Springer, 2021. - SCO, 607 - 619

2021 [1/12] / neurčené - Wang, Y.-Z., Zhao, D.-F., Chen, G.-X., Liang, K. A new nonlinear effective stress method for one-dimensional seismic site response analysis and its validation In: Chinese Journal of Geotechnical Engineering, 2021, Roč. 43, č. 3. - SCO, 502 - 510

2019 [1/12] / neurčené - Conti, R., Licata, V., Angelini, M. A simple constitutive model for taking into account soil nonlinearity and strength in 1d site response analyses In: 7th International Conference on Earthquake Geotechnical Engineering (ICEGE 2019) : Earthquake Geotechnical Engineering for Protection and Development of Environment and Constructions- Proceedings. [S. l.]: Taylor & Francis Group. CRC Press, 2019. - SCO, 1861 - 1869

2022 [1/20] / USA - Thornley, J., Douglas, J., Dutta, U., Yang, Z. Engineering site response analysis of Anchorage, Alaska, using site amplifications and random vibration theory [elektronický dokument] In: Earthquake spectra: the professional journal of the Earthquake Engineering Research Institute. Berkeley: Earthquake Engineering Research Institute, 2022, Roč. 38, č. 2, [tlačená forma] [online]. ISSN 8755-2930. ISSN (online) 1944-8201. - SCIE ; SCO ; WOS CC, 1103 - 1123

2022 [1/20] / NLD - Yang, Y., Zhang, S., Zhang, J., Yuan, Y., Li, C., Yu, H. Effect of excitation frequency on segmental tunnels in sand using 1 g shaking table tests [elektronický dokument] In: Transportation Geotechnics. Amsterdam: Elsevier, 2022, Roč. 34, [online]. ISSN (online) 2214-3912. - SCIE ; SCO ; WOS CC, art. no. 100750

2022 [1/20] / NLD - Zhao, K., Wang, Q., Zhuang, H., Li, Z., Chen, G. A fully coupled flow deformation model for seismic site response analyses of liquefiable marine sediments In: Ocean Engineering. Amsterdam: Elsevier, 2022, Roč. 251, [tlačená forma]. ISSN 0029-8018. - SCIE ; SCO ; WOS CC, art. no. 111144

2022 [1/20] / USA - Pretell, R., Ziotopoulou, K., Abrahamson, N. A. Conducting 1D site response analyses to capture 2D VS spatial variability effects [elektronický dokument] In: Earthquake spectra: the professional journal of the Earthquake Engineering Research Institute. Berkeley: Earthquake Engineering Research Institute, 2022, Roč. 38, č. 3, [tlačená forma] [online]. ISSN 8755-2930. ISSN (online) 1944-8201. - SCIE ; SCO ; WOS CC, 2235 - 2259

2022 [1/20] / CHE - Alver, O., Eseller-Bayat, E. E. Effect of Soil Damping on the Soil-Pile-Structure Interaction Analyses in Cohesionless Soils [elektronický dokument] In: Applied sciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2022, Roč. 12, č. 18, [online]. ISSN (online) 2076-3417. - SCIE ; SCO ; WOS CC, art. no. 9002

2022 [1/20] / CHN - Ruan, B., Ji, H.-W., Wang, S.-Y., He, H.-J., Miao, Y. Seismic incident wave separation method based on array observation and numerical verification In: Rock and soil mechanics. Peking: Science press, 2022, Roč. 43, č. 9, [tlačená forma]. ISSN 1000-7598. - ESCI ; SCO ; WOS CC, 2615 - 2623

2022 [1/20] / CHN - Yan, J., Zhang, Y., Kan, W. Review on research of ground motion site adjustment coefficient In: Dizhen xuebao. [s.l.]: Acta Seismologica Sinica Press, 2022, Roč. 44, č. 5, [tlačená forma]. ISSN 0253-3782. - SCO, 783 - 796

2023 [1/20] / CHE - Sun, Rui, Qi, Wanwan, Zheng, Tong, Qi, Jinlei. Explainable Machine-Learning Predictions for Peak Ground Acceleration [elektronický dokument]. DOI 10.3390/app13074530 In: Applied sciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2023, Roč. 13, č. 7, art. no. 4530 [online]. ISSN (online) 2076-3417. - SCO ; WOS CC ; CCC ; SCIE, art. no. 4530

2019 [1/20] / GBR - Martin, R., Bodet, L., Tournat, V., Rejiba, F. Seismic wave propagation in nonlinear viscoelastic media using the auxiliary differential equation method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 216, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 453 - 469

2023 [1/20] / GBR - Bergamo, P., Marano, S., Fah, D. Joint estimation of S-wave velocity and damping ratio of the near-surface from active Rayleigh wave surveys processed with a wavefield decomposition

approach [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 233, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1560 - 1579

2019 [1/20] / USA - Afshari, K. – Stewart, J.P. Insights from California Vertical Arrays on the Effectiveness of Ground Response Analysis with Alternative Damping Models [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2019, Roč. 109, č. 4, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1250 - 1264

2023 [1/20] / GBR - Wang, Y., Liang, J., Ba, Z. Weak nonlinear seismic response of 3D sedimentary basin using a new masing soil nonlinear model [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2023, č. 171, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, art. no. 107982

2022 [1/20] / CHE - Panzera, F., Bergamo, P., Perron, V., Fah, D. On the correlation between earthquake coda horizontal-to-vertical spectral ratios and amplification functions at the KiK-net network In: Frontiers in Earth Science. Lausanne: Frontiers Media, 2022, Roč. 10, [online]. ISSN 2296-6463. - SCIE ; SCO ; WOS CC, art. no. 993078

2023 [1/20] / SGP - Shreyasvi, C., Venkataramana, K. Role of Uncertainties in Site Response Analysis and Their Incorporation in Seismic Hazard Workflow [elektronický dokument] In: Earthquake Engineering and Disaster Mitigation: Contributions in the Honour of Late Professor D. K. Paul. Singapur: Springer Nature. Springer, 2023, [tlačená forma] [online]. ISBN 978-981-99-0080-0. ISBN 978-981-99-0083-1. ISBN (online) 978-981-99-0081-7. - SCO, 85 - 97

2021 [1/20] / USA - Bessette, Caroline, Yniesta, Samuel. Investigation of the performance of simplified constitutive models in nonlinear 1D effective stress ground response analysis [elektronický dokument]. DOI 10.1785/0120200235 In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2021, Roč. 111, č. 4, s. 1954-1973 [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCO ; WOS CC ; CCC ; SCIE, 1954 - 1973

2022 [1/20] / USA - Hallo, Miroslav, Bergamo, Paolo, Fäh, Donat. Stochastic Model to Characterize High-Frequency Ground Motion at Depth Validated by KiK-Net Vertical Array Data [elektronický dokument]. DOI 10.1785/0120220038 In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2022, Roč. 112, č. 4, s. 1997-2017 [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCO ; WOS CC ; CCC ; SCIE, 1997 - 2017

2022 [1/20] / GBR - Pilz, Marco, Cotton, Fabrice, Zhu, Chuanbin. How much are sites affected by 2-D and 3-D site effects? [elektronický dokument]: A study based on single-station earthquake records and implications for ground motion modelling. DOI 10.1093/gji/ggab454 In: Geophysical Journal International. Oxford: Oxford University Press, 2022, Roč. 228, č. 3, s. 1992-2004 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 1992 - 2004

2019 [1/20] / USA - Holt, James, Edwards, Benjamin, Poggi, Valerio. Scenario-dependent site effects for the determination of unbiased local magnitude [elektronický dokument]. DOI 10.1785/0120190068 In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2019, Roč. 109, č. 6, s. 2658-2673 [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCO ; WOS CC ; CCC ; SCIE, 2658 - 2673

2020 [1/20] / CZE - Kherzeloo, Ali Barghi, Hataf, Nader. Nonlinear site response analysis by coupling scaled boundary finite element method and finite element method [elektronický dokument]. DOI 10.13168/AGG.2020.0029 In: Acta geodynamica et geomaterialia. Praha: Akademie věd České republiky. Ústav struktury a mechaniky hornin AV ČR, 2020, Roč. 17, č. 4, s. 397-412 [tlačená forma] [online]. ISSN 1214-9705. ISSN (online) 2336-4351. - SCO ; WOS CC ; SCIE, 397 - 412

2020 [1/20] / USA - Kaklamanos, James, Bradley, Brendon A., Moolacattu, Aiswarya N., Picard, Bradley M. Physical hypotheses for adjusting coarse profiles and improving 1d site-response estimation assessed at 10 kik-net sites [elektronický dokument]. DOI 10.1785/0120190263 In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2020, Roč. 110, č. 3, s. 1338-1358 [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCO ; WOS CC ; CCC ; SCIE, 1338 - 1358

2021 [1/20] / NLD - Yang, Yusheng, Yu, Haitao, Yuan, Yong, Sun, Jun. 1 g Shaking table test of segmental tunnel in sand under near-fault motions. DOI 10.1016/j.tust.2021.104080 In: Tunnelling and Underground Space Technology. Amsterdam: Elsevier, 2021, č. 115, art. no. 104080 [tlačená forma]. ISSN 0886-7798. - SCO ; WOS CC ; CCC ; SCIE, art. no. 104080

2024 [1/20] / NLD - Zhong, Zilan, Ni, Bo, Shen, Jiaxu, Du, Xiuli. Neural network prediction model for site response analysis based on the KiK-net database [elektronický dokument]. DOI 10.1016/j.compgeo.2024.106366 In: Computers and Geotechnics. Amsterdam: Elsevier, 2024, č. 171, art. no. 106366 [tlačená forma] [online]. ISSN 0266352X. ISSN (online) 18737633. - SCO ; WOS CC ; CCC ; SCIE, art. no. 106366

2023 [1/20] / CHN - Li, Siming, Cudmani, Roberto, Xiao, Mingqing, Guo, Zhiming, Yuan, Yong. Ground motion amplification pattern with TBM tunnels crossing soil-rock interface [elektronický dokument]: Shaking table test. DOI 10.1016/j.undsp.2023.02.009 In: Underground Space. Peking: KEAI publishing, 2023, č. 12, s. 202-217 [tlačená forma] [online]. ISSN 2096-2754. ISSN (online) 2467-9674. - SCO ; WOS CC ; CCC ; SCIE, 202 - 217

2021 [1/20] / CHE - Talukder, Mohammad Kamruzzaman, Rosset, Philippe, Chouinard, Luc. Reduction of Bias and Uncertainty in Regional Seismic Site Amplification Factors for Seismic Hazard and Risk Analysis [elektronický dokument]. DOI 10.3390/geohazards2030015 In: GeoHazards. Bazilej: Multidisciplinary Digital Publishing Institute, 2021, Roč. 2, č. 3, s. 277-301 [online]. ISSN (online) 2624-795X. - SCO ; WOS CC ; ESCI, 277 - 301

2023 [1/20] / CHN - Wang, Yong Guang, Liang, Jian Wen, Ba, Zhen Ning. A dynamic nonlinear constitutive model for soil based on modified damping and its implementation in Abaqus. DOI 10.16285/j.rsm.2022.1413 In: Rock and soil mechanics. Peking: Science press, 2023, Roč. 44, č. 8, s. 2287-2296 [tlačená forma]. ISSN 1000-7598. - SCO ; WOS CC ; ESCI, 2287 - 2296

2023 [1/20] / USA - Eskandarinejad, Alireza, Shiau, Jim, Keawsawasvong, Suraparb. Effect of Depth-Dependent Shear Wave Velocity Profiles on Site Amplification [elektronický dokument]. DOI 10.1007/s40515-022-00267-x In: Transportation Infrastructure Geotechnology. New York: Springer Nature. Springer International Publishing AG, 2023, Roč. 10, č. 6, s. 1255-1283 [tlačená forma] [online]. ISSN 2196-7202. ISSN (online) 2196-7210. - SCO ; WOS CC ; ESCI, 1255 - 1283

2023 [1/20] / USA - Roten, Daniel, Yeh, Te Yang, Olsen, Kim B., Day, Steven M., Cui, Yifeng. Implementation of Iwan-Type Nonlinear Rheology in a 3D High-Order Staggered-Grid Finite-Difference Method [elektronický dokument]. DOI 10.1785/0120230011 In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2023, Roč. 113, č. 6, s. 2275-2291 [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCO ; WOS CC ; CCC ; SCIE, 2275 - 2291

2024 [1/20] / NZL - Kowalczyk, Piotr. Performance of an advanced sand constitutive model in modelling soil and soil-structure interaction under seismic excitation [elektronický dokument]. DOI 10.5459/bnzsee.1667 In: Bulletin of the New Zealand Society for Earthquake Engineering. Wellington: New Zealand Society for Earthquake Engineering, 2024, Roč. 57, č. 3, s. 128-142 [tlačená forma] [online]. ISSN 1174-9857. ISSN (online) 2324-1543. - SCO ; WOS CC ; ESCI, 128 - 142

2024 [1/20] / NLD - Hoang, Trieu N., Bui, Ha H., Nguyen, Thang T., Nguyen, Tien V., Nguyen, Giang D. Development of free-field and compliant base SPH boundary conditions for large deformation seismic response analysis of geomechanics problems [elektronický dokument]. DOI 10.1016/j.cma.2024.117370 In: Computer Methods in Applied Mechanics and Engineering. Amsterdam: Elsevier, 2024, č. 432, art. no. 117370 [tlačená forma] [online]. ISSN 0045-7825. ISSN (online) 1879-2138. - SCO ; WOS CC ; CCC ; SCIE, art. no. 117370

2021 [1/20] / PRK - Zhang, Jin, Yang, Zhen-yu, Yuan, Da-ping, Zheng, Shi-xiong, Hu, Yi-ran. Seismic Response of Two Site Models and Their Effects on the Railway Cable-Stayed Bridge [elektronický dokument]. DOI 10.1007/s12205-021-1990-9 In: KSCE Journal of Civil Engineering. Seoul: Korean Society of Civil Engineers, 2021, Roč. 25, č. 12, s. 4724-4741 [tlačená forma] [online]. ISSN 12267988. ISSN (online) 19763808. - WOS CC ; SCO ; SCIE, 4724 - 4741

ADC_011 / Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (40%) - Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (30%) - Chaljub, Emmanuel (Autor) (15%) - Kristeková, Miriam (Autor) [Výskumný pracovník - výskumník] [UKOMFKAFZM] (15%): An orthorhombic representation of a heterogeneous medium for the finite-difference modelling of seismic wave propagation. – text, graf., tab. – DOI

10.1093/gji/ggw456. – SCO ; SCIE ; CCC ; WOS CC

In: *Geophysical Journal International* [textový dokument (print)] [elektronický dokument] . – Oxford (Veľká Británia) : Oxford University Press. – ISSN 0956-540X. – ISSN (online) 1365-246X. – Roč. 208, č. 2 (2017), s. 1250-1264 [tlačaná forma] [online]

Počet všetkých autorov: 4

[článok]

Lit.: 26

[OV 092 Vedy o Zemi a vesmíre]

Indikátor časopisu:

IF: 2.528

SNIP: 1,276

SJR: 1,506

CiteScore: 4,8

Ohlasy (17):

2019 [1/12] / GBR - Ren, Zhiming, Li, Zhenchun. High-order temporal and implicit spatial staggered-grid finite-difference operators for modelling seismic wave propagation [elektronický dokument]. DOI 10.1093/gji/ggz059 In: *Geophysical Journal International*. Oxford: Oxford University Press, 2019, Roč. 217, č. 2, 844-865 [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 844 - 865

2019 [1/12] / GBR - Ou, Weiming, Wang, Zhuwen. Simulation of Stoneley wave reflection from porous formation in borehole using FDTD method [elektronický dokument]. DOI 10.1093/gji/ggz144 In: *Geophysical Journal International*. Oxford: Oxford University Press, 2019, Roč. 217, č. 3, 2081-2096 [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - WOS CC ; SCO ; CCC, 2081 - 2096

2023 [1/20] / USA - Masson, Yder, Virieux, Jean. P-SV-wave propagation in heterogeneous media: Velocity-stress distributional finite-difference method [elektronický dokument]. DOI 10.1190/GEO2022-0118.1 In: *Geophysics: a journal of general and applied geophysics*. Tulsa: The Society of Exploration Geophysicists, 2023, Roč. 88, č. 3, s. 165-183 [tlačaná forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO ; SCIE ; CCC ; WOS CC, 165 - 183

2022 [1/20] / GBR - Koene, Erik F.M., Wittsten, Jens, Robertsson, Johan O.A. Finite-difference modelling of 2-D wave propagation in the vicinity of dipping interfaces: a comparison of anti-aliasing and equivalent medium approaches [elektronický dokument]. DOI 10.1093/gji/ggab444 In: *Geophysical Journal International*. Oxford: Oxford University Press, 2022, Roč. 229, č. 1, s. 70-96 [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; SCIE ; CCC ; WOS CC, 70 - 96

2022 [1/20] / CHE - Liu, Lin, Zhang, Xiumei, Ji, Yunjia, Wang, Xiuming. Acoustic Wave Propagation in a Borehole with a Gas Hydrate-Bearing Sediment. DOI 10.3390/jmse10020235 In: *Journal of Marine Science and Engineering*. Bazilej: Multidisciplinary Digital Publishing Institute, 2022, Roč. 10, č. 2, art. no. 235 [online]. ISSN 2077-1312. - SCO ; SCIE ; CCC ; WOS CC, art. no. 235

2022 [1/20] / USA - O'reilly, Ossian, Yeh, Te Yang, Olsen, Kim B., Hu, Zhifeng, Breuer, Alex, Roten, Daniel, Goulet, Christine A. A High-Order Finite-Difference Method on Staggered Curvilinear Grids for Seismic Wave Propagation Applications with Topography [elektronický dokument]. DOI 10.1785/0120210096 In: *Bulletin of the Seismological Society of America*. ElCerrito: Seismological Society of America, 2022, Roč. 112, č. 1, s. 3-22 [tlačaná forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCO ; SCIE ; CCC ; WOS CC, 3 - 22

2022 [1/20] / CHE - Touhami, Sara, Gatti, Filippo, Lopez-Caballero, Fernando, Cottureau, Régis, de Abreu Corrêa, Lúcio, Aubry, Ludovic, Clouteau, Didier. SEM3D: A 3D High-Fidelity Numerical Earthquake Simulator for Broadband (0–10 Hz) Seismic Response Prediction at a Regional Scale. DOI 10.3390/geosciences12030112 In: *Geosciences*. Bazilej: Multidisciplinary Digital Publishing Institute, 2022, Roč. 12, č. 3, art. no. 112 [online]. ISSN 2076-3263. - SCO ; WOS CC ; ESCI

2021 [1/20] / GBR - Jiang, L., Zhang, Wei. TTI equivalent medium parametrization method for the seismic waveform modelling of heterogeneous media with coarse grids [elektronický dokument]. DOI 10.1093/gji/ggab310 In: *Geophysical Journal International*. Oxford: Oxford University Press, 2021, Roč. 227, č. 3, s. 2016-2043 [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; SCIE ; CCC, 2016 - 2043

2019 [1/12] / NLD - Jiang, L., Zhang, W. A TTI representation of a heterogeneous medium for finite-difference seismic wave simulation. DOI 10.3997/2214-4609.201900656 In: 81st EAGE Conference and Exhibition 2019: Conference Proceedings. Houten: The European Association of Geoscientists and Engineers (EAGE), 2019, s. 1-5 [tlačená forma] [online]. ISBN 9789462822894. - SCO, 1 - 5

2019 [1/12] / FRA - Anquez, Pierre, Pellerin, Jeanne, Irakarama, Modeste, Cupillard, Paul, Lévy, Bruno, Caumon, Guillaume. Automatic correction and simplification of geological maps and cross-sections for numerical simulations [elektronický dokument]. DOI 10.1016/j.crte.2018.12.001 In: Comptes Rendus - Geoscience. Paris: Academie des Sciences, 2019, Roč. 351, č. 1, 48-58 [tlačená forma] [online]. ISSN 1631-0713. ISSN (online) 1778-7025. - SCO ; SCIE ; CCC ; WOS CC, 48 - 58

2018 [1/12] / USA - Tavelli, Maurizio, Dumbser, Michael. Arbitrary high order accurate space–time discontinuous Galerkin finite element schemes on staggered unstructured meshes for linear elasticity [elektronický dokument]. DOI 10.1016/j.jcp.2018.03.038 In: Journal of Computational Physics. San Diego : American Academic Press, 2018, č. 366, s. 386-414 [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCO ; WOS CC ; SCIE ; CCC, 386 - 414

2017 [1/12] / USA - Li, Bei, Liu, Yang, Sen, Mrinal K., Ren, Zhiming. Time-space-domain mesh-free finite difference based on least squares for 2D acoustic-wave modeling [elektronický dokument]. DOI 10.1190/GEO2016-0464.1 In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2017, Roč. 82, č. 4, s. T143-T157 [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO ; WOS CC, T143 - T157

2021 [1/20] / USA - Mittet, Rune. Small-scale medium variations with high-order finite-difference and pseudo-spectral schemes [elektronický dokument]. DOI 10.1190/geo2020-0210.1 In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2021, Roč. 86, č. 5, s. 387-399 [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO ; WOS CC ; SCIE ; CCC, 387 - 399

2021 [1/20] / USA - Wang, Wenhua, Wen, Xiaotao, Tang, Chao, Li, Bo, Li, Lei, Wang, Wei. Variable-order optimal implicit finite-difference schemes for explicit time-marching solutions to wave equations [elektronický dokument]. DOI 10.1190/geo2020-0239.1 In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2021, Roč. 86, č. 2, s. 91-106 [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO ; SCIE ; CCC ; WOS CC, 91 - 106

2024 [1/20] / GBR - Jiang, Luqian, Zhang, Wei. Efficient implementation of equivalent medium parametrization in finite-difference seismic wave simulation methods [elektronický dokument]. DOI 10.1093/gji/ggae286 In: Geophysical Journal International. Oxford: Oxford University Press, 2024, Roč. 239, č. 1, s. 675-693 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; SCIE ; CCC, 675 - 693

2024 [1/20] / NLD - Li, Ruiqi, Zhang, Yijie, Liu, Naihao, Gao, Jinghui. A nodal discontinuous Galerkin method for wave propagation in coupled acoustic–elastic media [elektronický dokument]. DOI 10.1111/1365-2478.13520 In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2024, Roč. 72, č. 6, s. 2282-2299 [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCO ; WOS CC ; CCC ; SCIE, 2282 - 2299

2023 [1/20] / NLD - Chen, Fan, Liang, Zhengzhao, Cao, Anye. Numerical investigation of seismic wavefield characteristics induced by a tensile source in a heterogeneous mining environment [elektronický dokument]. DOI 10.1016/j.ijrmms.2023.105549 In: International Journal of Rock Mechanics and Mining Sciences. Amsterdam: Elsevier, 2023, č. 170, art. no. 105549 [tlačená forma] [online]. ISSN 1365-1609. ISSN (online) 1873-4545. - SCO ; WOS CC ; CCC ; SCIE, art. no. 105549

ADC_012 / Etemadsaeed, Leila (Autor) (25%) - Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (25%) - Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (20%) - Ansari, Anooshiravan (Autor) (15%) - Kristeková, Miriam (Autor) (15%): A no-cost improved velocity-stress staggered-grid finite-difference scheme for modelling seismic wave propagation. – text. – DOI 10.1093/gji/ggw287. – CCC ; WOS CC ; SCIE ; SCO In: *Geophysical Journal International* [textový dokument (print)] [elektronický dokument] . – Oxford (Veľká Británia) : Oxford University Press. – ISSN 0956-540X. – ISSN (online) 1365-246X. – Roč. 207, č. 1 (2016), s. 481-511 [tlačená forma] [online]
Počet všetkých autorov: 5
[článok]

Lit.: 41
[OV 092 Vedy o Zemi a vesmíre]
Indikátor časopisu:
SNIP: 1,512
SJR: 1,749
CiteScore: 4,7

Ohlasy (20):

2017 [1/12] / DEU - Dostart, N., Liu, Y., Popovic, M. A. Acoustic Waveguide Eigenmode Solver Based on a Staggered-Grid Finite-Difference Method In: Scientific reports: Journal of the University of Applied Sciences Mittweida: Wissenschaftliche Zeitschrift der Hochschule Mittweida . Berlin: Springer Nature. Springer, 2017, Roč. 7, [tlačená forma]. ISSN 1437-7624. - SCIE ; SCO ; WOS CC, Art. No. 17509

2018 [1/12] / neurčené - Anufrieva, A. A., Rung, E. V., Tumakov, D. N. Second-Order Accurate Finite-Difference Scheme for Solving the Problem of Elastic Wave Diffraction by the Anisotropic Gradient Layer In: Lobachevskii Journal of Mathematics, 2018, Roč. 39, č. 8. - SCIE ; SCO ; WOS CC, 1053 - 1065

2018 [1/12] / GBR - Liang, W., Wu, X., Wang, Y., Cao, J., Wu, C., He, B. A new staggered grid finite difference scheme optimised in the space domain for the first order acoustic wave equation [elektronický dokument] In: Exploration Geophysics. Abingdon: Taylor & Francis Group, 2018, Roč. 49, č. 6, [tlačená forma] [online]. ISSN 08123985. ISSN (online) 18347533. - SCIE ; SCO ; WOS CC, 898 - 905

2018 [1/12] / USA - Liang, W., Wu, X., Wang, Y., Yang, C. A simplified staggered-grid finite-difference scheme and its linear solution for the first-order acoustic wave-equation modeling [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2018, Roč. 374, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 863 - 872

2019 [1/12] / neurčené - Drainville, R. A., Curiel, L., Pichardo, S. Superposition method for modelling boundaries between media in viscoelastic finite difference time domain simulations In: Journal of the Acoustical Society of America, 2019, Roč. 146, č. 6. - SCIE ; SCO ; WOS CC, 4382 - 4401

2019 [1/12] / neurčené - Tumakov, D. N., Rung, E. V., Danilova, A. V. Solving the Problem of Elastic Waves Diffraction by a Fluid-Saturated Porous Gradient Layer Using a Second-Order Finite-Difference Scheme In: Lobachevskii Journal of Mathematics, 2019, Roč. 40, č. 10. - SCIE ; SCO ; WOS CC, 1739 - 1752

2020 [1/12] / neurčené - Zhang, W. Stability Analysis for Wave Simulation in 3D Poroelastic Media with the Staggered-Grid Method [elektronický dokument] In: Communications in Computational Physics, 2020, Roč. 28, č. 2, [tlačená forma]. ISSN 1815-2406. ISSN (online) 1991-7120. - SCIE ; SCO ; WOS CC, 743 - 767

2021 [1/20] / GBR - Wang, Jing, Liu, Yang, Zhou, Hongyu. Acoustic wave propagation with new spatial implicit and temporal high-order staggered-grid finite-difference schemes [elektronický dokument]. DOI 10.1093/jge/gxab053 In: Journal of Geophysics and Engineering. Oxford: Oxford University Press, 2021, Roč. 18, č. 5, s. 808-823 [tlačená forma] [online]. ISSN 1742-2132. ISSN (online) 1742-2140. - SCO ; WOS CC ; CCC ; SCIE, 808 - 823

2019 [1/20] / GBR - Ren, Zhiming, Li, Zhenchun. High-order temporal and implicit spatial staggered-grid finite-difference operators for modelling seismic wave propagation [elektronický dokument]. DOI 10.1093/gji/ggz059 In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 217, č. 2, 844-865 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 844 - 865

2022 [1/20] / NLD - Chen, Guiting, Peng, Zhenming, Li, Yalin. A framework for automatically choosing the optimal parameters of finite-difference scheme in the acoustic wave modeling [elektronický dokument]. DOI 10.1016/j.cageo.2021.104948 In: Computers & Geosciences. Amsterdam: Elsevier, 2022, č. 159, art. no. 104948 [tlačená forma] [online]. ISSN 0098-3004. ISSN (online) 1873-7803. - SCO ; SCIE ; CCC ; WOS CC, art. no. 104948

2022 [1/20] / GBR - Wang, Jing, Liu, Yang, Zhou, Hongyu. A novel equivalent staggered-grid finite-difference scheme and its optimization strategy for variable-density acoustic wave modelling [elektronický dokument]. DOI 10.1080/08123985.2022.2034477 In: Exploration Geophysics. Abingdon:

Taylor & Francis Group, 2022, Roč. 53, č. 6, s. 669-682 [tlačená forma] [online]. ISSN 08123985. ISSN (online) 18347533. - SCO ; SCIE ; CCC ; WOS CC, 669 - 682

2023 [1/20] / CHE - Chen, Guiting, Peng, Zhenming, Li, Yalin. An Efficient Finite-Difference Stencil with High-Order Temporal Accuracy for Scalar Wave Modeling [elektronický dokument]. DOI 10.3390/app13021140 In: Applied sciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2023, Roč. 13, č. 2, art. no. 1140 [online]. ISSN (online) 2076-3417. - SCO ; SCIE ; CCC ; WOS CC, art. no. 1140

2023 [1/20] / CHE - Zhang, Chunlin, Fan, Liyong, Chen, Guiting, Zeng, Xu. Efficient temporal high-order staggered-grid scheme with a dispersion-relation-preserving method for the scalar wave modeling. DOI 10.3389/feart.2023.1141220 In: Frontiers in Earth Science. Lausanne: Frontiers Media, 2023, Roč. 11, art. no. 1141220 [online]. ISSN 2296-6463. - SCO ; SCIE ; CCC ; WOS CC, art. no. 1141220

2023 [1/20] / CHN - Wang, J., Liu, Y., Zhou, H. Temporal and spatial high-order accuracy implicit finite-difference method for modeling acoustic wave equation on rectangular staggered-grid In: Diqui wuli xuebao. Peking: Science press, 2023, Roč. 66, č. 1, [tlačená forma]. ISSN 0001-5733. - SCIE ; WOS CC, 368 - 382

2022 [1/20] / USA - Liang, W., Chen, G., Wang, Y., Cao, J., Chen, J. A Nonbalanced Staggered-Grid FDTD Scheme for the First-Order Elastic-Wave Extrapolation and Reverse-Time Migration [elektronický dokument] In: IEEE Journal of selected topics in applied earth observations and remote sensing. Piscataway: Institute of Electrical and Electronics Engineers, 2022, Roč. 15, [tlačená forma] [online]. ISSN 1939-1404. ISSN (online) 2151-1535. - SCIE ; SCO ; WOS CC, 4772 - 4781

2022 [1/20] / USA - Vanga, Mounika, Barman, Debajeet, Ojha, Maheswar. An optimized finite-difference method to minimize numerical dispersion of acoustic wave propagation using a genetic algorithm [elektronický dokument]. DOI 10.1190/geo2021-0382.1 In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2022, Roč. 87, č. 3, s. T265-T279 [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO ; WOS CC ; CCC ; SCIE, 265 - 279

2022 [1/20] / NLD - Wang, Jing, Liu, Yang, Zhou, Hongyu. A new linear optimized time-space domain spatial implicit and temporal high-order finite-difference scheme for scalar wave modeling [elektronický dokument]. DOI 10.1016/j.jappgeo.2022.104637 In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2022, č. 201, art. no. 104637 [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCO ; WOS CC ; SCIE ; CCC, art. no. 104637

2020 [1/20] / NLD - Di Bartolo, Leandro, Manhisce, Rosário Romão, Dors, Cleberson. Efficient acoustic-elastic FD coupling method for anisotropic media [elektronický dokument]. DOI 10.1016/j.jappgeo.2019.103934 In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2020, č. 174, art. no. 103934 [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCO ; WOS CC ; CCC ; SCIE, art. no. 103934

2017 [1/20] / USA - Ren, Zhiming, Li, Zhen Chun. Temporal high-order staggered-grid finite-difference schemes for elastic wave propagation [elektronický dokument]. DOI 10.1190/GEO2017-0005.1 In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2017, Roč. 82, č. 5, s. T207-T224 [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO ; WOS CC ; SCIE ; CCC, 207 - 224

2020 [1/20] / CZE - Xu, Shigang, Liu, Yang. Modeling 3D acoustic-wave propagation using modified cuboid-based staggered-grid finite-difference methods with temporal and spatial high-order accuracy [elektronický dokument]. DOI 10.1007/s11200-020-1013-1 In: Studia Geophysica et Geodaetica: a journal of geophysics, meteorology and climatology, geodesy. Praha: Akademie věd České republiky. Geofyzikální ústav AV ČR, 2020, Roč. 64, č. 4, s. 465-482 [tlačená forma] [online]. ISSN 0039-3169. ISSN (online) 1573-1626. - SCO ; WOS CC ; CCC ; SCIE, 465 - 482

ADC_013 / Maufroy, Emeline (Autor) (20%) - Chaljub, Emmanuel (Autor) (15%) - Hollender, Fabrice (Autor) (15%) - Bard, Pierre-Yves (Autor) (10%) - Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (10%) - Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (10%) - de Martin, Florent (Autor) (6%) - Theodoulidis, Nikos (Autor) (5%) - Manakou, Maria (Autor) (4%) - Guyonnet-Benaize, Cédric (Autor) (2%) - Hollard, N. (Autor) (2%) - Pitilakis, Kyriazis (Autor) (1%): 3D numerical simulation and ground motion prediction : Verification, validation and beyond : Lessons from the E2VP project. – text. – DOI 10.1016/j.soildyn.2016.09.047. – CCC ; WOS CC ; SCIE ; CPCI-S ; SCO

In: *Soil Dynamics and Earthquake Engineering* [textový dokument (print)] [elektronický dokument] . – Edinburgh (Veľká Británia) : Elsevier. – ISSN 0267-7261. – ISSN (online) 1879-341X. – Roč. 91, č. 2016 (2016), s. 53-71 [tlačaná forma]
International Conference on Earthquake Geotechnical Engineering, 6 [Christ Church, Nový Zéland, 11.2015]
Počet všetkých autorov: 12
[článok z podujatia]
Lit.: 40
[OV 092 Vedy o Zemi a vesmíre]
Indikátor časopisu:
SNIP: 1,822
SJR: 1,41
CiteScore: 3,3

Ohlasy (14):

2018 [1/12] / DEU - Cruz-Jimenez, H. – Li, G.T. – Mai, P.M. – Hoteit, I. – Knio, O.M. Bayesian inference of earthquake rupture models using polynomial chaos expansion [elektronický dokument] In: *Geoscientific Model Development*. Gottingen: Copernicus Gesellschaft, 2018, Roč. 11, č. 7, [tlačaná forma] [online]. ISSN 1991-959X. ISSN (online) 1991-9603. - SCIE ; SCO ; WOS CC, 3071 - 3088

2019 [1/12] / NLD - Guinau, M. – Tapia, M. – Perez-Guillen, C. – Surincach, E. – Roig, P. – Khazaradze, G. – Torne, M. – Royan, M.J. – Echeverria, A. Remote sensing and seismic data integration for the characterization of a rock slide and an artificially triggered rock fall [elektronický dokument]. DOI 10.1016/j.enggeo.2019.04.010 In: *Engineering Geology: An International Journal*. Amsterdam: Elsevier, 2019, Roč. 257, [tlačaná forma] [online]. ISSN 0013-7952. ISSN (online) 1872-6917. - SCIE ; SCO ; WOS CC, Art. No. 105113

2020 [1/12] / NLD - Pergalani, F. – Pagliaroli, A. – Bourdeau, C. – Compagnoni, M. – Lenti, L. – Lualdi, M. – Madaia, C. – Martino, S. – Razzano, R. – Varone, C. – Verrubbi, V. Seismic microzoning map: approaches, results and applications after the 2016-2017 Central Italy seismic sequence [elektronický dokument] In: *Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering*. Dordrecht: Springer Nature. Springer International Publishing AG, 2020, Roč. 18, č. 12, [tlačaná forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 5595 - 5629

2022 [1/20] / USA - Lee, R. L., Bradley, B. A., Stafford, P. J., Graves, R. W., Rodriguez-Marek, A. Hybrid broadband ground-motion simulation validation of small magnitude active shallow crustal earthquakes in New Zealand [elektronický dokument] In: *Earthquake spectra: the professional journal of the Earthquake Engineering Research Institute*. Berkeley: Earthquake Engineering Research Institute, 2022, Roč. 38, č. 4, [tlačaná forma] [online]. ISSN 8755-2930. ISSN (online) 1944-8201. - SCIE ; SCO ; WOS CC, 2548 - 2579

2022 [1/20] / CHE - Lin, J., Smerzini, C. Variability of physics-based simulated ground motions in Thessaloniki urban area and its implications for seismic risk assessment In: *Frontiers in Earth Science*. Lausanne: Frontiers Media, 2022, Roč. 10, [online]. ISSN 2296-6463. - SCIE ; SCO ; WOS CC, art. no. 951781

2022 [1/20] / USA - Perron, Vincent, Bergamo, Paolo, Fäh, Donat. Site Amplification at High Spatial Resolution from Combined Ambient Noise and Earthquake Recordings in Sion, Switzerland [elektronický dokument]. DOI 10.1785/0220210289 In: *Seismological Research Letters*. Albany: Seismological Society of America, 2022, Roč. 93, č. 4, s. 2281-2298 [tlačaná forma] [online]. ISSN 0895-0695. ISSN (online) 1938-2057. - SCO ; WOS CC ; CCC ; SCIE, 2281 - 2298

2022 [1/20] / CHE - Gélis, C., Cauchie, L., Cushing, E. M., Froment, B., Franco, S., Jomard, H., Moiriat, D., Provost, L., Sariguzel, B., Tebib, H. Estimation of the Local Seismic Amplification on an Industrialized Site in the French Rhône Valley [elektronický dokument]. DOI 10.1007/s00024-022-03069-x In: *Pure and Applied Geophysics: pageoph*. Bazel: Springer Nature. Springer International Publishing AG, 2022, Roč. 179, č. 6-7, s. 2119-2145 [tlačaná forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCO ; SCIE ; CCC ; WOS CC, 2119 - 2145

2022 [1/20] / NLD - Dwivedi, Adarsh, Karthik Reddy, K. S.K., Somala, Surendra Nadh. Study of seismic orientation of structure with bi-directional response analysis in the vicinity of branched fault earthquake rupture. DOI 10.1016/j.istruc.2022.01.027 In: *Structures: Research Journal of The Institution of Structural*

Engineers. Amsterdam: Elsevier, 2022, č. 37, s. 613-623 [online]. ISSN 2352-0124. - SCO ; SCIE ; CCC ; WOS CC, 613 - 623

2022 [1/20] / CHE - Lehmann, Fanny, Gatti, Filippo, Bertin, Michaël, Clouteau, Didier. Machine learning opportunities to conduct high-fidelity earthquake simulations in multi-scale heterogeneous geology. DOI 10.3389/feart.2022.1029160 In: *Frontiers in Earth Science*. Lausanne: Frontiers Media, 2022, Roč. 10, art. no. 1029160, s. [1-17] [online]. ISSN 2296-6463. - SCO ; WOS CC ; CCC ; SCIE, art. no. 1029160 - 17]

2020 [1/20] / GBR - Veeraraghavan, S., Coleman, J.L., Bielak, J. Simulation of site and topographic effects on ground motion in Los Alamos, NM mesas [elektronický dokument] In: *Geophysical Journal International*. Oxford: Oxford University Press, 2020, Roč. 220, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1504 - 1520

2022 [1/20] / GBR - Pilz, Marco, Cotton, Fabrice, Zhu, Chuanbin. How much are sites affected by 2-D and 3-D site effects? [elektronický dokument]: A study based on single-station earthquake records and implications for ground motion modelling. DOI 10.1093/gji/ggab454 In: *Geophysical Journal International*. Oxford: Oxford University Press, 2022, Roč. 228, č. 3, s. 1992-2004 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 1992 - 2004

2020 [1/20] / USA - Rault, Claire, Chao, Wei An, Gelis, Céline, Burtin, Arnaud, Chang, Jui Ming, Marc, Odin, Lai, Tz Shin, Wu, Yih Min, Hovius, Niels, Meunier, Patrick. Seismic response of a mountain ridge prone to landsliding [elektronický dokument]. DOI 10.1785/0120190127 In: *Bulletin of the Seismological Society of America*. ElCerrito: Seismological Society of America, 2020, Roč. 110, č. 6, s. 3004-3020 [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCO, 3004 - 3020

2024 [1/20] / CHE - Hakimov, Farkhod, Havenith, Hans Balder, Ischuk, Anatoly, Reicherter, Klaus. Assessment of Site Effects and Numerical Modeling of Seismic Ground Motion to Support Seismic Microzonation of Dushanbe City, Tajikistan. DOI 10.3390/geosciences14050117 In: *Geosciences*. Bazilej: Multidisciplinary Digital Publishing Institute, 2024, Roč. 14, č. 5, art. no. 117 [online]. ISSN 2076-3263. - SCO ; WOS CC ; ESCI, art. no. 117

2024 [1/20] / USA - Hallo, Miroslav, Bergamo, Paolo, Fäh, Donat. Multipath Transfer-Function Correction Method to Predict Site-Specific Amplification at City Scale [elektronický dokument]. DOI 10.1785/0220230213 In: *Seismological Research Letters*. Albany: Seismological Society of America, 2024, Roč. 95, č. 1, s. 172-185 [tlačená forma] [online]. ISSN 0895-0695. ISSN (online) 1938-2057. - SCO ; WOS CC ; CCC ; SCIE, 172 - 185

ADC_014 / Régnier, Julie (Autor) (1.852%) - Bonilla-Hidalgo, Fabian (Autor) (1.852%) - Bard, Pierre-Yves (Autor) (1.852%) - Bertrand, Etienne (Autor) (1.852%) - Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (1.852%) - Hollender, Fabrice (Autor) (1.852%) - Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (1.852%) - Richterová, Aneta (Autor) [Externý doktorand] [UKOMFKAFZM] (1.852%): International benchmark on numerical simulations for 1D, nonlinear site response (PRENOLIN) : Verification phase based on canonical cases. – text. – DOI 10.1785/0120150284. – CCC ; SCO ; WOS CC ; SCIE
In: *Bulletin of the Seismological Society of America* [textový dokument (print)] [elektronický dokument] . – ElCerrito (USA) : Seismological Society of America. – ISSN 0037-1106. – ISSN (online) 1943-3573. – Roč. 106, č. 5 (2016), s. 2112-2135 [tlačená forma] [online]

Počet všetkých autorov: 54

[článok]

Lit.: 71

[OV 092 Vedy o Zemi a vesmíre]

Indikátor časopisu:

SNIP: 1,44

SJR: 1,865

CiteScore: 4,5

Ohlasy (51):

2017 [1/12] / GBR - Elia, G. – Rouainia, M. – Karofyllakis, D. – Guzel, Y. Modelling the non-linear site response at the LSST down-hole accelerometer array in Lotung [elektronický dokument]. DOI 10.1016/j.soildyn.2017.08.007 In: *Soil Dynamics and Earthquake Engineering*. Edinburgh: Elsevier, 2017, Roč. 102, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 1 - 14

2017 [1/12] / CHE - Eskandarinejad, A., Jahanandish, M. – Zafarani, H. Divergence Between Nonlinear

and Equivalent-Linear 1D Site Response Analyses for Different V (S) Realizations of Typical Clay Sites [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2017, Roč. 174, č. 10, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 3955 - 3978

2017 [1/12] / neurčené - Fares, R. – d'Avila, M.P.S. – Deschamps, A. Advantages and detriments of 1-Directional 3-Component wave propagation approach for Soil-Structure Interaction modeling In: X International Conference on Structural Dynamics (EURODYN 2017), Proceedia Engineering Vol. 199. Amsterdam: Elsevier, 2017. - CPCI-S ; WOS CC, 2426 - 2432

2018 [1/12] / CHE - Ameur, M. – Derras, B. – Zendagui, D. Ground Motion Prediction Model Using Adaptive Neuro-Fuzzy Inference Systems: An Example Based on the NGA-West 2 Data [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2018, Roč. 175, č. 3, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 1019 - 1034

2018 [1/12] / GBR - Li, B. – Cai, Z. – Xie, W.C. – Pandey, M. Probabilistic seismic hazard analysis considering site-specific soil effects [elektronický dokument]. DOI 10.1016/j.soildyn.2017.11.029 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2018, Roč. 105, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 103 - 113

2018 [1/12] / ITA - Oliveira, S.P. – Azevedo, J.S. – Porsani, M.J. A numerical viscoelastic model of ground response assimilating pore-water pressure measurements [elektronický dokument] In: Bollettino di Geofisica Teorica ed Applicata. Sgonico TS: Istituto Nazionale di Oceanografia e di Geofisica Sperimentale, 2018, Roč. 59, č. 3, [tlačená forma] [online]. ISSN 0006-6729. ISSN (online) 2239-5695. - SCIE ; SCO ; WOS CC, 223 - 248

2019 [1/12] / neurčené - Dhakal, Y.P. – Kunugi, T. – Kimura, T. – Suzuki, W. – Aoi, S. Peak ground motions and characteristics of nonlinear site response during the 2018 Mw 6.6 Hokkaido eastern Iburi earthquake In: Earth Planets and Space, 2019, Roč. 71, č. 1. - SCIE ; SCO ; WOS CC, Art. No. 56

2019 [1/12] / NLD - Forcellini, D. Numerical simulations of liquefaction on an ordinary building during Italian (20 May 2012) earthquake [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2019, Roč. 17, č. 9, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 4797 - 4823

2021 [1/20] / CHE - Hu, Y., Lam, N., Khatiwada, P., Menegon, S. J., Looi, D. T. W. Site-Specific Response Spectra: Guidelines for Engineering Practice [elektronický dokument] In: CivilEng. Bazilej: Multidisciplinary Digital Publishing Institute, 2021, Roč. 2, č. 3, [online]. ISSN (online) 2673-4109. - SCO, 712 - 735

2019 [1/12] / NLD - Ruan, B., Zhao, K., Wang, S.Y., Chen, G.X., Wang, H.Y. Numerical modeling of seismic site effects in a shallow estuarine bay (Suai Bay, Shantou, China) [elektronický dokument]. DOI 10.1016/j.enggeo.2019.105233 In: Engineering Geology: An International Journal. Amsterdam: Elsevier, 2019, Roč. 260, č. 105233, [tlačená forma] [online]. ISSN 0013-7952. ISSN (online) 1872-6917. - SCIE ; SCO ; WOS CC

2019 [1/12] / NLD - Volpini, C. – Douglas, J. An accessible approach for the site response analysis of quasi-horizontal layered deposits [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2019, Roč. 17, č. 3, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 1163 - 1183

2019 [1/12] / neurčené - Wang, H.Y. – Jiang, W.P. – Wang, S.Y. – Miao, Y. In situ assessment of soil dynamic parameters for characterizing nonlinear seismic site response using KiK-net vertical array data In: Bulletin of Earthquake Engineering, Vol7. 1, No. 5, 2019, 2019. - SCIE ; SCO ; WOS CC, 2331 - 2360

2020 [1/12] / GBR - Barrios, G. – Larkin, T. – Chouw, N. Influence of shallow footings on the dynamic response of saturated sand with low confining pressure [elektronický dokument]. DOI 10.1016/j.soildyn.2019.105872 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2020, Roč. 128, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, Art. No. 105872

2020 [1/12] / NLD - Conti, R. – Angelini, M. – Licata, V. Nonlinearity and strength in 1D site response analyses: a simple constitutive approach [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2020, Roč. 18, č. 10, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 4629 - 4657

2020 [1/12] / neurčené - de la Torre, C.A. – Bradley, B.A. – Lee, R.L. Modeling nonlinear site effects in physics-based ground motion simulations of the 2010-2011 Canterbury earthquake sequence In: Earthquake Spectra, 2020, Roč. 36, č. 2. - SCIE ; SCO ; WOS CC, 856 - 879

2020 [1/12] / GBR - Forcellini, D. Soil-structure interaction analyses of shallow-founded structures on a potential-liquefiable soil deposit [elektronický dokument]. DOI 10.1016/j.soildyn.2020.106108 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2020, Roč. 133, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, Art. No. 106108

2020 [1/12] / GBR - Gobbi, S. – Lenti, L. – D'Avila, M.P.S. – Semblat, J.F. – Reiffsteck, P. Influence of the variability of soil profile properties on weak and strong seismic response [elektronický dokument]. DOI 10.1016/j.soildyn.2020.106200 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2020, Roč. 135, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; WOS CC, Art. No. 106200

2020 [1/12] / NLD - Yuan, Y., Yang, Y., Zhang, S., Yu, H., Sun, J. A benchmark 1 g shaking table test of shallow segmental mini-tunnel in sand [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2020, Roč. 18, č. 11, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCO, 5383 - 5412

2019 [1/12] / neurčené - van der Linden, T. I., Sigarón-Loría, C. Code-to-code variability in non-linear ground response, comparison with advanced soil models In: 7th International Conference on Earthquake Geotechnical Engineering (ICEGE 2019) : Proceedings. [S. l.]: Taylor & Francis Group. CRC Press, 2019. - SCO, 5473 - 5480

2019 [1/12] / neurčené - Ibanez, J. P., Perez, G. E., Barbagelata, J. M., Barchiesi, A. M. Seismic site effects over a two-dimensional geotechnical profile in mendoza city In: 7th International Conference on Earthquake Geotechnical Engineering (ICEGE 2019) : Proceedings. [S. l.]: Taylor & Francis Group. CRC Press, 2019. - SCO, 2957 - 2964

2021 [1/12] / USA - Barrios, G., Larkin, T., Chouw, N. Experimental study of the seismic response of a structure set amongst closely adjacent structures [elektronický dokument] In: Earthquake Engineering and Structural Dynamics. Chichester: John Wiley & Sons. Wiley-Blackwell, 2021, Roč. 50, č. 14, [tlačená forma] [online]. ISSN 0098-8847. ISSN (online) 1096-9845. - SCIE ; SCO ; WOS CC, 3771 - 3791

2021 [1/12] / USA - Liu, W., Juang, C. H., Chen, Q., Chen, G. Dynamic site response analysis in the face of uncertainty-an approach based on response surface method [elektronický dokument] In: International Journal for Numerical and Analytical Methods in Geomechanics. Hoboken: John Wiley & Sons, 2021, Roč. 45, č. 12, [tlačená forma] [online]. ISSN 0363-9061. ISSN (online) 1096-9853. - SCIE ; SCO ; WOS CC, 1854 - 1867

2021 [1/12] / USA - Silahtar, A., Kanbur, M. Z. 1D nonlinear site response analysis of the Isparta Basin (Southwestern Turkey) with surface wave (ReMi) and borehole data [elektronický dokument] In: Environmental Earth Sciences. New York: Springer Nature. Springer International Publishing AG, 2021, Roč. 80, č. 7, [tlačená forma] [online]. ISSN 1866-6280. ISSN (online) 1866-6299. - SCIE ; SCO ; WOS CC, Art. No. 268

2021 [1/12] / neurčené - Wang, S., Yu, R., Li, X. Study of effects of time-frequency characteristics of bedrock acceleration on site response analysis In: China Civil Engineering Journal, 2021, Roč. 54, č. 7. - SCO, 101 - 113

2023 [1/20] / CHE - Sun, Rui, Qi, Wanwan, Zheng, Tong, Qi, Jinlei. Explainable Machine-Learning Predictions for Peak Ground Acceleration [elektronický dokument]. DOI 10.3390/app13074530 In: Applied sciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2023, Roč. 13, č. 7, art. no. 4530 [online]. ISSN (online) 2076-3417. - SCO ; WOS CC ; CCC ; SCIE, art. no. 4530

2019 [1/20] / GBR - Martin, R., Bodet, L., Tournat, V., Rejiba, F. Seismic wave propagation in nonlinear viscoelastic media using the auxiliary differential equation method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 216, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 453 - 469

2021 [1/20] / PRK - Zhang, J., Yang, Z.-Y., Yuan, D.-P., Zheng, S.-X., Hu, Y.-R. Seismic Response of Two Site Models and Their Effects on the Railway Cable-Stayed Bridge [elektronický dokument] In: KSCE Journal of Civil Engineering. Seoul: Korean Society of Civil Engineers, 2021, Roč. 25, č. 12, [tlačená forma] [online]. ISSN 12267988. ISSN (online) 19763808. - SCIE ; SCO ; WOS CC, 4724 - 4741

2022 [1/20] / GBR - Cascone, V., Barone, I., Boaga, J. Velocity gradients choice affecting seismic site response in deep alluvial basins: Application to the Venetian Plain (Northern Italy) [elektronický dokument] In: Journal of Geophysics and Engineering. Oxford: Oxford University Press, 2022, Roč. 19, č. 1, [tlačená forma] [online]. ISSN 1742-2132. ISSN (online) 1742-2140. - SCIE ; SCO ; WOS CC, 1 - 13

2022 [1/20] / NLD - Dostal, L., Holm, M., Metrikine, A. V., Tsouvalas, A., van Dalen, K. N. Localized stationary seismic waves predicted using a nonlinear gradient elasticity model [elektronický dokument] In: Nonlinear Dynamics: an International Journal of Nonlinear Dynamics and Chaos in Engineering Systems. Dordrecht: Springer Nature. Springer International Publishing AG, 2022, Roč. 107, č. 1, [tlačená forma] [online]. ISSN 0924-090X. ISSN (online) 1573-269X. - SCIE ; SCO ; WOS CC, 1107 - 1125

2022 [1/20] / USA - Miao, Y., He, H., Liu, H., Wang, S. Reproducing ground response using in-situ soil dynamic parameters [elektronický dokument] In: Earthquake Engineering and Structural Dynamics. Chichester: John Wiley & Sons. Wiley-Blackwell, 2022, Roč. 51, č. 10, [tlačená forma] [online]. ISSN 0098-8847. ISSN (online) 1096-9845. - SCIE ; SCO ; WOS CC, 2449 - 2465

2023 [1/20] / USA - Liu, W., Chen, Q., Juang, C. H., Chen, G. Uncertainty propagation of soil property in dynamic site response under different site conditions [elektronický dokument] In: International Journal for Numerical and Analytical Methods in Geomechanics. Hoboken: John Wiley & Sons, 2023, Roč. 47, č. 9, [tlačená forma] [online]. ISSN 0363-9061. ISSN (online) 1096-9853. - SCIE ; SCO ; WOS CC, 1521 - 1538

2023 [1/20] / USA - Mercado, V., Pajaro, C. A., Arteta, C. A., Díaz, F. J., Montejó, J., Arcila, M., Abrahamson, N. A. Semiempirical model for the estimation of site amplification in Northern South America [elektronický dokument] In: Earthquake spectra: the professional journal of the Earthquake Engineering Research Institute. Berkeley: Earthquake Engineering Research Institute, 2023, Roč. 39, č. 2, [tlačená forma] [online]. ISSN 8755-2930. ISSN (online) 1944-8201. - SCIE ; SCO ; WOS CC, 1109 - 1139

2023 [1/20] / GBR - Wang, Y., Liang, J., Ba, Z. Weak nonlinear seismic response of 3D sedimentary basin using a new massing soil nonlinear model [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2023, č. 171, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, art. no. 107982

2023 [1/20] / USA - Yang, Y., Yu, H., Yuan, Y., Lu, D., Huang, Q. A numerical framework for underground structures in layered ground under inclined P-SV waves using stiffness matrix and domain reduction methods [elektronický dokument] In: Frontiers of Structural and Civil Engineering. [s.l.]: Springer Nature. Springer Science+Business Media, 2023, Roč. 17, č. 1. ISSN 20952430. ISSN (online) 20952449. - SCIE ; SCO ; WOS CC, 10 - 24

2023 [1/20] / NLD - Yuan, Y., Li, S., Yu, H., Xiao, M., Li, R., Li, R. Local site effect of soil-rock ground: 1-g shaking table test [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2023, Roč. 21, č. 7, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 3251 - 3272

2022 [1/20] / NLD - Yang, Y., Zhang, S., Zhang, J., Yuan, Y., Li, C., Yu, H. Effect of excitation frequency on segmental tunnels in sand using 1 g shaking table tests [elektronický dokument] In: Transportation Geotechnics. Amsterdam: Elsevier, 2022, Roč. 34, [online]. ISSN (online) 2214-3912. - SCIE ; SCO ; WOS CC, art. no. 100750

2020 [1/20] / USA - Kaklamanos, James, Bradley, Brendon A., Moolacattu, Aiswarya N., Picard, Bradley

M. Physical hypotheses for adjusting coarse profiles and improving 1d site-response estimation assessed at 10 kik-net sites [elektronický dokument]. DOI 10.1785/0120190263 In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2020, Roč. 110, č. 3, s. 1338-1358 [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCO ; WOS CC ; CCC ; SCIE, 1338 - 1358

2021 [1/20] / NLD - Yang, Yusheng, Yu, Haitao, Yuan, Yong, Sun, Jun. 1 g Shaking table test of segmental tunnel in sand under near-fault motions. DOI 10.1016/j.tust.2021.104080 In: Tunnelling and Underground Space Technology. Amsterdam: Elsevier, 2021, č. 115, art. no. 104080 [tlačená forma]. ISSN 0886-7798. - SCO ; WOS CC ; CCC ; SCIE, art. no. 104080

2017 [1/20] / NLD - Astroza, Rodrigo, Pastén, César, Ochoa-Cornejo, Felipe. Site response analysis using one-dimensional equivalent-linear method and Bayesian filtering [elektronický dokument]. DOI 10.1016/j.compgeo.2017.04.004 In: Computers and Geotechnics. Amsterdam: Elsevier, 2017, č. 89, s. 43-54 [tlačená forma] [online]. ISSN 0266352X. ISSN (online) 18737633. - SCO ; WOS CC ; CCC ; SCIE, 43 - 54

2023 [1/20] / DEU - Dedeoğlu, İbrahim Özgür, Tunç, Gülen, Alpaslan, Nuray. Evaluation of dynamic behavior by linear equivalent analysis of North Batman, Turkey [elektronický dokument]. DOI 10.1007/s10064-023-03169-5 In: Bulletin of Engineering Geology and the Environment: The official journal of the IAEG. Berlin: Springer Nature. Springer International Publishing AG, 2023, Roč. 82, č. 4, art. no. 139 [tlačená forma]. ISSN 1435-9529. ISSN (online) 1435-9537. - SCO ; WOS CC ; CCC ; SCIE, art. no. 139

2021 [1/20] / GBR - O'Brien, Gareth S. A lattice method for seismic wave propagation in nonlinear viscoelastic media [elektronický dokument]. DOI 10.1093/gji/ggaa537 In: Geophysical Journal International. Oxford: Oxford University Press, 2021, Roč. 224, č. 3, s. 1572-1587 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 1572 - 1587

2021 [1/20] / NLD - Zhang, Jinghua, Xiao, Mingqing, Bilotta, Emilio, Li, Chong, Yuan, Yong. Analytical solutions for seismic responses of shaft-tunnel junction under travelling SH-wave. DOI 10.1016/j.tust.2021.103910 In: Tunnelling and Underground Space Technology. Amsterdam: Elsevier, 2021, č. 112, art. no. 103910 [tlačená forma]. ISSN 0886-7798. - SCO ; WOS CC ; CCC ; SCIE, art. no. 103910

2020 [1/20] / CHE - Mina, Daniele, Forcellini, Davide. Soil–structure interaction assessment of the 23 november 1980 irpinia-basilicata earthquake. DOI 10.3390/geosciences10040152 In: Geosciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2020, Roč. 10, č. 4, art. no. 152 [online]. ISSN 2076-3263. - SCO ; WOS CC ; ESCI, art. no. 152

2022 [1/20] / USA - Lanzano, Giovanni, Felicetta, Chiara, Pacor, Francesca, Spallarossa, Daniele, Traversa, Paola. Generic-To-Reference Rock Scaling Factors for Seismic Ground Motion in Italy [elektronický dokument]. DOI 10.1785/0120210063 In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2022, Roč. 112, č. 3, s. 1583-1606 [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCO ; WOS CC ; CCC ; SCIE, 1583 - 1606

2024 [1/20] / NLD - Zhong, Zilan, Ni, Bo, Shen, Jiaxu, Du, Xiuli. Neural network prediction model for site response analysis based on the KiK-net database [elektronický dokument]. DOI 10.1016/j.compgeo.2024.106366 In: Computers and Geotechnics. Amsterdam: Elsevier, 2024, č. 171, art. no. 106366 [tlačená forma] [online]. ISSN 0266352X. ISSN (online) 18737633. - SCO ; WOS CC ; CCC ; SCIE, art. no. 106366

2023 [1/20] / CHN - Li, Siming, Cudmani, Roberto, Xiao, Mingqing, Guo, Zhiming, Yuan, Yong. Ground motion amplification pattern with TBM tunnels crossing soil-rock interface [elektronický dokument]: Shaking table test. DOI 10.1016/j.undsp.2023.02.009 In: Underground Space. Peking: KEAI publishing, 2023, č. 12, s. 202-217 [tlačená forma] [online]. ISSN 2096-2754. ISSN (online) 2467-9674. - SCO ; WOS CC ; CCC ; SCIE, 202 - 217

2023 [1/20] / USA - Roten, Daniel, Yeh, Te Yang, Olsen, Kim B., Day, Steven M., Cui, Yifeng. Implementation of Iwan-Type Nonlinear Rheology in a 3D High-Order Staggered-Grid Finite-Difference Method [elektronický dokument]. DOI 10.1785/0120230011 In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2023, Roč. 113, č. 6, s. 2275-2291 [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCO ; WOS CC ; CCC ; SCIE, 2275 - 2291

2024 [1/20] / GBR - Li, Yiming, Wang, Guoxin, Ding, Yang. Nonlinear seismic response analysis of slopes considering the coupled effect of slope geometry and soil stratigraphy [elektronický dokument]. DOI 10.1093/gji/ggae174 In: Geophysical Journal International. Oxford: Oxford University Press, 2024, Roč. 238, č. 1, s. 616-630 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 616 - 630

2024 [1/20] / CHE - Jalili, Javad, Moosavi, Mojtaba, Pakniat, Shima. A Newly Generated Seismic Ground Response Analysis Software Package -SeisGRASP- by International Institute of Earthquake Engineering and Seismology [elektronický dokument]. DOI 10.1007/s40996-023-01232-5 In: Iranian Journal of Science and Technology - Transactions of Civil Engineering. Cham: Springer Nature. Springer, 2024, Roč. 48, č. 3, s. 1467-1482 [tlačená forma] [online]. ISSN 22286160. ISSN (online) 23641843. - SCO ; WOS CC ; SCIE, 1467 - 1482

2024 [1/20] / GBR - Ji, Kyuchan, Baluch, Khaqan, Park, Heon Joon. GIS-based evaluation of seismic hazard for cultural heritage sites in Gyeongju historic areas [elektronický dokument]. DOI 10.1016/j.soildyn.2024.108507 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2024, č. 178, art. no. 108507 [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCO ; WOS CC ; CCC ; SCIE, art. no. 108507

2023 [1/20] / CHE - Dhakal, Yadab P., Kunugi, Takashi. Preliminary analysis of nonlinear site response at the S-net seafloor sites during three Mw 7 class earthquakes. DOI 10.3389/feart.2023.1180289 In: Frontiers in Earth Science. Lausanne: Frontiers Media, 2023, Roč. 11, art. no. 1180289 [online]. ISSN 2296-6463. - SCO ; WOS CC ; CCC ; SCIE, art. no. 1180289

ADC_015 / Gális, Martin (Autor) (30%) - Pelties, Christian (Autor) (25%) - Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (15%) - Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (15%) - Ampuero, Jean Paul (Autor) (10%) - Mai, P. Martin (Autor) (5%): On the initiation of sustained slip-weakening ruptures by localized stresses. – text, tab., obr. – DOI 10.1093/gji/ggu436. – CCC ; WOS CC ; SCIE ; SCO
In: *Geophysical Journal International* [textový dokument (print)] [elektronický dokument] . – Oxford (Veľká Británia) : Oxford University Press. – ISSN 0956-540X. – ISSN (online) 1365-246X. – Roč. 200, č. 2 (2015), s. 888-907 [tlačená forma] [online]

Počet všetkých autorov: 6

[článok]

Lit.: 46

[OV 092 Vedy o Zemi a vesmíre]

Indikátor časopisu:

SNIP: 1,329

SJR: 1,796

CiteScore: 4,6

Ohlasy (38):

2016 [1/12] / neurčené - Dempsey, D., Suckale, J. Collective properties of injection-induced earthquake sequences: 1. Model description and directivity bias In: Journal of Geophysical Research-Solid Earth, 2016, Roč. 121, č. 5. - SCIE ; SCO ; WOS CC, 3609 - 3637

2016 [1/12] / neurčené - Hu, F., Xu, J., Zhang, Z., Chen, X. Supershear transition mechanism induced by step over geometry In: Journal of Geophysical Research-Solid Earth, 2016, Roč. 121, č. 12. - SCIE ; SCO ; WOS CC, 8738 - 8749

2016 [1/12] / neurčené - Weng, H., Yang, H., Zhang, Z., Chen, X. Earthquake rupture extents and coseismic slips promoted by damaged fault zones In: Journal of Geophysical Research-Solid Earth, 2016, Roč. 121, č. 6. - SCIE ; SCO ; WOS CC, 4446 - 4457

2017 [1/12] / USA - Weng, H., Yang, H. Seismogenic width controls aspect ratios of earthquake ruptures [elektronický dokument] In: Geophysical Research Letters. Washington: John Wiley & Sons. American Geophysical Union, 2017, Roč. 44, č. 6. [tlačená forma] [online]. ISSN 0094-8276. ISSN (online) 1944-8007. - SCIE ; SCO ; WOS CC, 2725 - 2732

2018 [1/12] / neurčené - Huang, Y. Earthquake Rupture in Fault Zones With Along-Strike Material Heterogeneity In: Journal of Geophysical Research-Solid Earth, 2018, Roč. 123, č. 11. - SCIE ; SCO ; WOS CC, 9884 - 9898

2018 [1/12] / neurčené - Jin, L., Zoback, M. D. Fully Dynamic Spontaneous Rupture Due to Quasi-Static Pore Pressure and Poroelastic Effects: An Implicit Nonlinear Computational Model of Fluid-Induced Seismic Events In: Journal of Geophysical Research-Solid Earth, 2018, Roč. 123, č. 11. - SCIE ; SCO ; WOS CC, 9430 - 9468

2018 [1/12] / neurčené - Uenishi, K. Three-dimensional fracture instability of a displacement-weakening planar interface under locally peaked nonuniform loading In: Journal of the mechanics and physics of solids, č. 115, 2018, 2018. - SCIE ; SCO ; WOS CC, 195 - 207

2018 [1/12] / GBR - Wollherr, S., Gabriel, A. A., Uphoff, C. Off-fault plasticity in three-dimensional dynamic rupture simulations using a modal Discontinuous Galerkin method on unstructured meshes: implementation, verification and application [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2018, Roč. 214, č. 3, [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1556 - 1584

2020 [1/12] / USA - Li, Ge, Liu, Yajing. Earthquake Rupture Through a Step-Over Fault System: An Exploratory Numerical Study of the Leech River Fault, Southern Vancouver Island [elektronický dokument]. DOI 10.1029/2020JB020059 In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2020, Roč. 125, č. 11, art. no. e2020JB020059 [tlačaná forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chybné) 0148-0227. - WOS CC ; CCC ; SCIE ; SCO, Art. No. e2020JB020059

2018 [1/12] / DEU - Zhao, D., Yamashita, K., Toyokuni, G. Tomography of the 2016 Kumamoto earthquake area and the Beppu-Shimabara graben In: Scientific reports: Journal of the University of Applied Sciences Mittweida: Wissenschaftliche Zeitschrift der Hochschule Mittweida . Berlin: Springer Nature. Springer, 2018, Roč. 8, [tlačaná forma]. ISSN 1437-7624. - SCIE ; SCO ; WOS CC, Art. No. 15488

2019 [1/12] / neurčené - Buijze, L., van den Bogert, P. A. J., Wassing, B. B. T., Orlic, B. Nucleation and Arrest of Dynamic Rupture Induced by Reservoir Depletion In: Journal of Geophysical Research-Solid Earth, 2019, Roč. 124, č. 4. - SCIE ; SCO ; WOS CC, 3620 - 3645

2019 [1/12] / USA - Hu, F., Oglesby, D. D., Chen, X. The Sustainability of Free-Surface-Induced Supershear Rupture on Strike-Slip Faults [elektronický dokument] In: Geophysical Research Letters. Washington: John Wiley & Sons. American Geophysical Union, 2019, Roč. 46, č. 16, [tlačaná forma] [online]. ISSN 0094-8276. ISSN (online) 1944-8007. - SCIE ; SCO ; WOS CC, 9537 - 9543

2019 [1/12] / USA - Ramos, M. D., Huang, Y.: How the Transition Region Along the Cascadia Megathrust Influences Coseismic Behavior: Insights From 2-D Dynamic Rupture Simulations. Článok [elektronický dokument] In: Geophysical Research Letters. Washington: John Wiley & Sons. American Geophysical Union, 2019, Roč. 46, č. 4, [tlačaná forma] [online]. ISSN 0094-8276. ISSN (online) 1944-8007. - SCIE ; SCO ; WOS CC, 1973 - 1983

2019 [1/12] / neurčené - van Zelst, I., Wollherr, S., Gabriel, A. A., Madden, E. H., van Dinther, Y. Modeling Megathrust Earthquakes Across Scales: One-way Coupling From Geodynamics and Seismic Cycles to Dynamic Rupture In: Journal of Geophysical Research: Solid Earth, 2019, Roč. 124, č. 11. - SCIE ; SCO ; WOS CC, 11414 - 11446

2019 [1/12] / neurčené - Yang, H., Yao, S., He, B., Newman, A. V., Weng, H. Deriving Rupture Scenarios From Interseismic Locking Distributions Along the Subduction Megathrust In: Journal of Geophysical Research-Solid Earth, 2019, Roč. 124, č. 10. - SCIE ; SCO ; WOS CC, 10376 - 10392

2020 [1/12] / GBR - Chen, X., Yang, H. Effects of seismogenic width and low-velocity zones on estimating slip-weakening distance from near-fault ground deformation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2020, Roč. 223, č. 3, [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1497 - 1510

2020 [1/12] / neurčené - Hu, F., Oglesby, D. D., Chen, X. The Near-Fault Ground Motion Characteristics of Sustained and Unsustained Free Surface-Induced Supershear Rupture on Strike-Slip Faults In: Journal of Geophysical Research-Solid Earth, 2020, Roč. 125, č. 5. - SCIE ; SCO ; WOS CC, Art. No. e2019JB019039

2021 [1/12] / GBR - Madden, E. H., Bader, M., Behrens, J., van Dinther, Y., Gabriel, A.-A., Rannbauer,

L., Ulrich, T., Uphoff, C., Vater, S., van Zelst, I. Linked 3-D modelling of megathrust earthquake-tsunami events: from subduction to tsunami run up [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2021, Roč. 224, č. 1, [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 487 - 516

2021 [1/12] / neurčené - Leonhardt, M., Kwiatak, G., Martinez-Garzon, P., Bohnhoff, M., Saarno, T., Heikkinen, P., Dresen, G. Seismicity during and after stimulation of a 6.1 km deep enhanced geothermal system in Helsinki, Finland [elektronický dokument] In: Solid Earth: an Interactive Open-access Journal of the European Geosciences Union, 2021, Roč. 12, č. 3, [tlačaná forma]. ISSN 1869-9510. ISSN (online) 1869-9529. - SCIE ; SCO ; WOS CC, 581 - 594

2021 [1/12] / neurčené - Tang, Y., Weng, A., Yang, Y., Li, S., Niu, J., Zhang, Y., Li, Y., Li, J. Connection between earthquakes and deep fluids revealed by magnetotelluric imaging in Songyuan, China In: Science China Earth Sciences, 2021, Roč. 64, č. 1. - SCIE ; SCO ; WOS CC, 161 - 176

2021 [1/12] / USA - Hageman, T., de Borst, R. Stick-slip like behavior in shear fracture propagation including the effect of fluid flow [elektronický dokument] In: International Journal for Numerical and Analytical Methods in Geomechanics. Hoboken: John Wiley & Sons, 2021, Roč. 45, č. 7, [tlačaná forma] [online]. ISSN 0363-9061. ISSN (online) 1096-9853. - SCIE ; SCO ; WOS CC, 965 - 989

2021 [1/12] / neurčené - Hu, F., Oglesby, D. D., Chen, X. The Effect of Depth-Dependent Stress in Controlling Free-Surface-Induced Supershear Rupture on Strike-Slip Faults In: Journal of Geophysical Research: Solid Earth, 2021, Roč. 126, č. 5. - SCIE ; SCO ; WOS CC, Art. No. e2020JB021459

2021 [1/12] / USA - Tsuda, K. Dynamic Rupture Study of Near-Field Velocity Pulses during the 2016 Kumamoto Earthquake, Japan [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2021, Roč. 111, č. 5, [tlačaná forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2546 - 2558

2021 [1/12] / CHE - Wirp, S. A., Gabriel, A.-A., Schmeller, M., Madden, E. H., van Zelst, I., Krenz, L., van Dinther, Y., Rannabauer, L. 3D Linked Subduction, Dynamic Rupture, Tsunami, and Inundation Modeling: Dynamic Effects of Supershear and Tsunami Earthquakes, Hypocenter Location, and Shallow Fault Slip In: Frontiers in Earth Science. Lausanne: Frontiers Media, 2021, Roč. 9, [online]. ISSN 2296-6463. - SCIE ; SCO ; WOS CC, Art. No. 626844

2022 [1/20] / USA - Ramos, M. D., Thakur, P., Huang, Y., Harris, R. A., Ryan, K. J. Working with Dynamic Earthquake Rupture Models: A Practical Guide [elektronický dokument] In: Seismological Research Letters. Albany: Seismological Society of America, 2022, Roč. 93, č. 4, [tlačaná forma] [online]. ISSN 0895-0695. ISSN (online) 1938-2057. - SCIE ; SCO ; WOS CC, 2096 - 2110

2022 [1/20] / GBR - Kostka, F., Zahradník, J., Sokos, E., Gallovič, F. Assessing the role of selected constraints in Bayesian dynamic source inversion: application to the 2017 M-w 6.3 Lesvos earthquake [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2022, Roč. 228, č. 1, [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 711 - 727

2022 [1/20] / NLD - Yao, S., Yang, H. Hypocentral dependent shallow slip distribution and rupture extents along a strike-slip fault [elektronický dokument] In: Earth and Planetary Science Letters: a letter journal devoted to the development in time of the earth and planetary system. Amsterdam: Elsevier, 2022, č. 578, [tlačaná forma] [online]. ISSN 0012-821X. ISSN (online) 1385-013X. - SCIE ; SCO ; WOS CC, art. no. 117296

2022 [1/20] / NLD - Ji, Y., Hofmann, H., Duan, K., Zang, A. Laboratory experiments on fault behavior towards better understanding of injection-induced seismicity in geoenery systems [elektronický dokument] In: Earth-Science Reviews: international magazine for geo-scientist. Amsterdam: Elsevier, 2022, Roč. 226, [tlačaná forma] [online]. ISSN 0012-8252. ISSN (online) 1872-6828. - SCIE ; SCO ; WOS CC, art. no. 103916

2022 [1/20] / USA - Biemiller, J., Gabriel, A.-A., Ulrich, T. The Dynamics of Unlikely Slip: 3D Modeling of Low-Angle Normal Fault Rupture at the Mai'iu Fault, Papua New Guinea [elektronický dokument] In: Geochemistry, Geophysics, Geosystems: an AGU Journal. Washington: John Wiley & Sons. American Geophysical Union, 2022, Roč. 23, č. 5, [online]. ISSN (online) 1525-2027. - SCIE ; SCO ; WOS CC, art. no. e2021GC010298

2022 [1/20] / USA - Ji, Y., Hofmann, H., Rutter, E. H., Zang, A. Transition From Slow to Fast Injection-Induced Slip of an Experimental Fault in Granite Promoted by Elevated Temperature [elektronický dokument] In: Geophysical Research Letters. Washington: John Wiley & Sons. American Geophysical Union, 2022, Roč. 49, č. 23, [tlačená forma] [online]. ISSN 0094-8276. ISSN (online) 1944-8007. - SCIE ; SCO ; WOS CC, art. no. e2022GL101212

2023 [1/20] / DEU - Biemiller, J., Gabriel, A.-A., Ulrich, T. Dueling dynamics of low-angle normal fault rupture with splay faulting and off-fault damage [elektronický dokument] In: Nature Communications. London: Springer Nature. Nature Publishing Group, 2023, Roč. 14, č. 1, [online]. ISSN (online) 2041-1723. - SCO, art. no. 2352

2023 [1/20] / USA - Gallovic, F., Valentova, L. Broadband Strong Ground Motion Modeling Using Planar Dynamic Rupture With Fractal Parameters [elektronický dokument]. DOI 10.1029/2023JB026506 In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2023, Roč. 128, č. 6, art. no. e2023JB026506, s. [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chybné) 0148-0227. - WOS CC ; CCC ; SCIE ; SCO, art. no. e2023JB026506

2023 [1/20] / USA - Hayek, Jorge N., May, Dave A., Pranger, Casper, Gabriel, Alice Agnes. A Diffuse Interface Method for Earthquake Rupture Dynamics Based on a Phase-Field Model [elektronický dokument]. DOI 10.1029/2023JB027143 In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2023, Roč. 128, č. 12, art. no. e2023JB027143 [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chybné) 0148-0227. - SCO ; WOS CC ; CCC ; SCIE, art. no. e2023JB027143

2024 [1/20] / USA - Li, Duo, Gabriel, Alice Agnes. Linking 3D Long-Term Slow-Slip Cycle Models With Rupture Dynamics [elektronický dokument]: The Nucleation of the 2014 Mw 7.3 Guerrero, Mexico Earthquake. DOI 10.1029/2023AV000979 In: AGU Advances. Washington: John Wiley & Sons. American Geophysical Union, 2024, Roč. 5, č. 2, art. no. e2023AV000979 [online]. ISSN (online) 2576-604X. - SCO ; WOS CC ; SCIE ; CCC, art. no. e2023AV000979

2024 [1/20] / USA - Wen, Yangmao, Cai, Jianfeng, He, Kefeng, Xu, Caijun. Dynamic Rupture of the 2021 MW 7.4 Maduo Earthquake: An Intra-Block Event Controlled by Fault Geometry [elektronický dokument]. DOI 10.1029/2023JB027247 In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2024, Roč. 129, č. 1, art. no. e2023JB027247 [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chybné) 0148-0227. - SCO ; WOS CC ; SCIE ; CCC, art. no. e2023JB027247

2023 [1/20] / USA - Uemura, Kansuke, Ide, Satoshi, Aochi, Hideo. Dynamic nucleation as a cascade-up of earthquakes depending on rupture propagation velocity [elektronický dokument]. DOI 10.1186/s40623-023-01866-9 In: Earth, Planets and Space. New York: Springer Nature, 2023, Roč. 75, č. 1, art. no. 123 [tlačená forma] [online]. ISSN 1343-8832. ISSN (online) 1880-5981. - SCO ; WOS CC ; CCC ; SCIE, art. no. 123

2023 [1/20] / USA - Chan, Yuk Po Bowie, Yao, Suli, Yang, Hongfeng. Impact of Hypocenter Location on Rupture Extent and Ground Motion [elektronický dokument]: A Case Study of Southern Cascadia. DOI 10.1029/2023JB026371 In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2023, Roč. 128, č. 8, art. no. e2023JB026371 [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chybné) 0148-0227. - SCO ; WOS CC ; CCC ; SCIE, art. no. e2023JB026371

2023 [1/20] / GBR - Taufiqurrahman, Taufiq, Gabriel, Alice Agnes, Li, Duo, Ulrich, Thomas, Li, Bo, Carena, Sara, Verdecchia, Alessandro, Gallovič, František. Dynamics, interactions and delays of the 2019 Ridgecrest rupture sequence [elektronický dokument]. DOI 10.1038/s41586-023-05985-x In: Nature. London: Springer Nature. Nature Publishing Group, 2023, Roč. 618, č. 7964, s. 308-315 [tlačená forma] [online]. ISSN 0028-0836. ISSN (online) 1476-4687. - SCO ; WOS CC ; CCC ; SCIE, 308 - 315

ADC_016 / Chaljub, Emmanuel (Autor) (15%) - Maufroy, Emeline (Autor) (15%) - Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (15%) - Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (14%) - Hollender, Fabrice (Autor) (10%) - Bard, Pierre-Yves (Autor) (7%) - Priolo, Enrico (Autor) (4%) - Klin, Peter (Autor) (4%) - de Martin, Florent (Autor) (4%) - Zhang, Zhenguo (Autor) (4%) - Zhang, Wei (Autor) (4%) - Chen, Xiaofei (Autor) (4%): 3-D numerical simulations of earthquake ground motion in sedimentary basins: testing accuracy through stringent models. – text, obr. – DOI 10.1093/gji/ggu472. – CCC ; SCO ; WOS CC ; SCIE

In: Geophysical Journal International [textový dokument (print)] [elektronický dokument] . – Oxford (Velká

Británia) : Oxford University Press. – ISSN 0956-540X. – ISSN (online) 1365-246X. – Roč. 201, č. 1 (2015), s. 90-111 [tlačená forma] [online]

Počet všetkých autorov: 12

[článok]

Lit.: 55

[OV 092 Vedy o Zemi a vesmíre]

Indikátor časopisu:

SNIP: 1,329

SJR: 1,796

CiteScore: 4,6

Ohlasy (46):

2015 [1/12] / NLD - Raptakis, D., Makra, K. Multiple estimates of soil structure at a vertical strong motion array: Understanding uncertainties from different shear wave velocity profiles [elektronický dokument] In: Engineering Geology: An International Journal. Amsterdam: Elsevier, 2015, Roč. 192, [tlačená forma] [online]. ISSN 0013-7952. ISSN (online) 1872-6917. - SCIE ; SCO ; WOS CC, 1 - 18

2016 [1/12] / GBR - Boue, P., Denolle, M., Hirata, N., Nakagawa, S., Beroza, G. C. Beyond basin resonance: characterizing wave propagation using a dense array and the ambient seismic field [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 206, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1261 - 1272

2016 [1/12] / CHE - Dujardin, A., Causse, M., Courboux, F., Traversa, P. Simulation of the basin effects in the Po plain during the Emilia-Romagna Seismic Sequence (2012) using empirical Green's functions [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazel: Springer Nature. Springer International Publishing AG, 2016, Roč. 173, č. 6, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 1993 - 2010

2016 [1/12] / GBR - Riga, E., Makra, K., Pitilakis, K. Aggravation factors for seismic response of sedimentary basins: A code-oriented parametric study [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2016, Roč. 91, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 116 - 132

2017 [1/12] / neurčené - Breuer, A., Heinecke, A., Cui, Y. F. EDGE: Extreme Scale Fused Seismic Simulations with the Discontinuous Galerkin Method In: High performance computing : (ISC high performance 2017) : Lecture Notes in Computer Science. Cham: Springer, 2017. - CPCI-S ; WOS CC, 41 - 60

2017 [1/12] / neurčené - Igel, H. Computational Seismology: A Practical Introduction. BKCI-S Book Citation Index - Science N/A In: Computational Seismology: A Practical Introduction. New York: Oxford Univ Press, 2017. - WOS CC

2017 [1/12] / neurčené - Liu, X. R., Li, D. L., Hu, Y. X., Song, J. X. The topographic effect of ground motion based on Spectral Element Method [elektronický dokument] In: Geomechanics and Engineering, 2017, Roč. 13, č. 3. ISSN 2005307X. ISSN (online) 20926219. - SCIE ; WOS CC, 411 - 429

2017 [1/12] / neurčené - Pelekis, P., Batilas, A., Pefani, E., Vlachakis, V. Surface topography and site stratigraphy effects on the seismic response of a slope in the Achaia-Ilia (Greece) 2008 M(w)6.4 earthquake In: Soil Dynamics and Earthquake Engineering, č. 100, 2017, 2017. - SCIE ; WOS CC, 538 - 554

2021 [1/12] / neurčené - Lai, S.-T., Fuji, N., Katayama, I., Bonilla, L. F., Capdeville, Y. Rock Deformation Monitoring Using Monte Carlo Waveform Inversion In: Journal of Geophysical Research: Solid Earth, 2021, Roč. 126, č. 10. - SCIE ; SCO ; WOS CC, Art. No. e2021JB021873

2018 [1/12] / USA - Tavelli, M., Dumbser, M. Arbitrary high order accurate space-time discontinuous Galerkin finite element schemes on staggered unstructured meshes for linear elasticity [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2018, Roč. 366, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; WOS CC, 386 - 414

2020 [1/12] / GBR - Leng, K., Korenaga, J., Nissen-Meyer, T. 3-D scattering of elastic waves by small-scale heterogeneities in the Earth's mantle [elektronický dokument] In: Geophysical Journal

International. Oxford: Oxford University Press, 2020, Roč. 223, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 502 - 525

2018 [1/12] / USA - Paolucci, R., Gatti, F., Infantino, M., Smerzini, C., Ozcebe, A. G., Stupazzini, M. Broadband ground motions from 3D physics-based numerical simulations using artificial neural networks [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2018, Roč. 108, č. 3, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCO, 1272 - 1286

2020 [1/12] / neurčené - Thomson, E. M., Bradley, B. A., Lee, R. L. Methodology and computational implementation of a New Zealand Velocity Model (NZVM2.0) for broadband ground motion simulation [elektronický dokument] In: New Zealand Journal of Geology and Geophysics, 2020, Roč. 63, č. 1, [tlačená forma]. ISSN 0028-8306. ISSN (online) 1175-8791. - SCIE ; SCO ; WOS CC, 110 - 127

2021 [1/20] / CHN - Li, L., Yao, H., Luo, S., Li, J., Wang, X., Ni, H., Bao, Z. A multi-scale 3-D crust velocity model in the Hefei-Chao Lake area around the southern segment of Tanlu Fault Zone [elektronický dokument] In: Earthquake Science. Peking: KeAi Communications Co., 2021, Roč. 34, č. 4, [tlačená forma] [online]. ISSN 1674-4519. ISSN (online) 1867-8777. - SCIE ; SCO ; WOS CC, 344 - 357

2017 [1/12] / neurčené - Tobin, J., Breuer, A., Heinecke, A., Yount, C., Cui, Y. F. Accelerating Seismic Simulations Using the Intel Xeon Phi Knights Landing Processor In: High performance computing : (ISC high performance 2017) : Lecture Notes in Computer Science. Cham: Springer, 2017. - CPCI-S ; WOS CC, 139 - 157

2018 [1/12] / GBR - Gatti, F., Lopez-Caballero, F., Clouteau, D., Paolucci, R. On the effect of the 3-D regional geology on the seismic design of critical structures: the case of the Kashiwazaki-Kariwa Nuclear Power Plant [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2018, Roč. 213, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 1073 - 1092

2018 [1/12] / USA - Chen, H. C., Tsai, V. C., Niu, F. L. Observations and Modeling of Long-Period Ground-Motion Amplification Across Northeast China [elektronický dokument] In: Geophysical Research Letters. Washington: John Wiley & Sons. American Geophysical Union, 2018, Roč. 45, č. 12, [tlačená forma] [online]. ISSN 0094-8276. ISSN (online) 1944-8007. - SCIE ; WOS CC, 5968 - 5976

2018 [1/12] / GBR - Paap, B., Kraaijpoel, D., Bakker, M., Gharti, H. N. Wave propagation modelling of induced earthquakes at the Groningen gas production site [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2018, Roč. 214, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 1947 - 1960

2018 [1/12] / USA - Solymosi, B., Favretto-Cristini, N., Monteiller, V., Komatitsch, D., Cristini, P., Arntsen, B., Ursin, B. How to adapt numerical simulation of wave propagation and ultrasonic laboratory experiments to be comparable : A case study for a complex topographic model [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2018, Roč. 83, č. 4, [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC, 195 - 207

2019 [1/12] / neurčené - Abdelrahman, A. A., Sato, T., Wan, C., Wu, Z. Definition of Yield Seismic Coefficient Spectrum Considering the Uncertainty of the Earthquake Motion Phase In: Applied Sciences-Basel, 2019, Roč. 9, č. 11. - SCIE ; SCO ; WOS CC, Art. No. 2254

2019 [1/12] / GBR - Zhang, N., Zhang, Y., Gao, Y. F., Pak, R. Y. S., Wu, Y. X., Zhang, F. An exact solution for SH-wave scattering by a radially multilayered inhomogeneous semicylindrical canyon [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 217, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1232 - 1260

2020 [1/12] / USA - Khan, S., van der Meijde, M., van der Werff, H., Shafique, M. Scenario-based seismic hazard analysis using spectral element method in northeastern Pakistan [elektronický dokument] In: Natural Hazards. New York: Springer Nature. Springer, 2020, Roč. 103, č. 2, [tlačená forma] [online]. ISSN 0921-030X. ISSN (online) 1573-0840. - SCIE ; SCO ; WOS CC, 2131 - 2144

2021 [1/12] / USA - Zhang, X., Peng, X., Chen, S., Li, X., Dou, Z., He, X., Xu, C. Rapid Prediction of

Strong Ground Motions from Major Earthquakes: An Example in the Wudu Basin, Sichuan, China [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2021, Roč. 111, č. 5, [tlačaná forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2635 - 2660

2021 [1/20] / SGP - Wang, J., Yin, H., Feng, Z., Ma, P., Wang, L. Fast Inversion of the Earthquake Rupture Processes with Complicated Velocity Structure: An Application to the Earthquake of 2017 Mw 6.5 Jiuzhaigou, China [elektronický dokument] In: Journal of Earthquake and Tsunami. Singapur: World Scientific Publishing, 2021, Roč. 15, č. 6, [tlačaná forma] [online]. ISSN 1793-4311. ISSN (online) 1793-7116. - SCIE ; SCO ; WOS CC, art. no. 2150030

2023 [1/20] / CHE - Faraone, Chiara, Caravaggio, Serena, Chávez, José Alexander, Castillo Ramos, Luis Alfonso, Rainone, Mario Luigi, Vessia, Giovanna. 2D FEM Numerical Prediction of Local Seismic Effects at San Salvador Municipality (El Salvador) Induced by 2001 Earthquakes. DOI 10.3390/geosciences13040116 In: Geosciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2023, Roč. 13, č. 4, art. no. 116 [online]. ISSN 2076-3263. - SCO ; WOS CC ; ESCI

2022 [1/20] / CHE - Touhami, Sara, Gatti, Filippo, Lopez-Caballero, Fernando, Cottureau, Régis, de Abreu Corrêa, Lúcio, Aubry, Ludovic, Clouteau, Didier. SEM3D: A 3D High-Fidelity Numerical Earthquake Simulator for Broadband (0–10 Hz) Seismic Response Prediction at a Regional Scale. DOI 10.3390/geosciences12030112 In: Geosciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2022, Roč. 12, č. 3, art. no. 112 [online]. ISSN 2076-3263. - SCO ; WOS CC ; ESCI, art. no. 112

2022 [1/20] / SGP - Golubev, V., Shevchenko, A., Khokhlov, N., Petrov, I., Malovichko, M. Compact Grid-Characteristic Scheme for the Acoustic System with the Piece-Wise Constant Coefficients [elektronický dokument] In: International Journal of Applied Mechanics. Singapur: World Scientific Publishing, 2022, Roč. 14, č. 2, [tlačaná forma] [online]. ISSN 1758-8251. ISSN (online) 1758-826X. - SCIE ; SCO ; WOS CC, art. no. 2250002

2022 [1/20] / SGP - Antonietti, P. F., Botti, M., Mazzieri, I. On Mathematical and Numerical Modelling of Multiphysics Wave Propagation with Polytopal Discontinuous Galerkin Methods: a Review [elektronický dokument]. Emerging Sources Citation Index N/A In: Vietnam Journal of Mathematics. Singapur: Springer Nature, 2022, Roč. 50, č. 4, [tlačaná forma] [online]. ISSN 2305-221X. ISSN (online) 2305-2228. - SCO ; WOS CC, 997 - 1028

2022 [1/20] / USA - Mazzieri, I., Muhr, M., Stupazzini, M., Wohlmuth, B. Elasto-acoustic modeling and simulation for the seismic response of structures: The case of the Tahtali dam in the 2020 Izmir [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2022, Roč. 466, [tlačaná forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, art. no. 111411

2019 [1/20] / GBR - Leng, K., Nissen-Meyer, T., van Driel, M., Hosseini, K., Al-Attar, D. AxiSEM3D: broad-band seismic wavefields in 3-D global earth models with undulating discontinuities [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 217, č. 3, [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 2125 - 2146

2022 [1/20] / GBR - Di Michele, F., May, J., Pera, D., Kastelic, V., Carafa, M., Smerzini, C., Mazzieri, I., Rubino, B., Antonietti, P. F., Quarteroni, A., Aloisio, R., Marcati, P. Spectral element numerical simulation of the 2009 L'Aquila earthquake on a detailed reconstructed domain [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2022, Roč. 230, č. 1, [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 29 - 49

2022 [1/20] / NLD - Aldirany, Z., Cottureau, R., Laforest, M., Prudhomme, S. Optimal error analysis of the spectral element method for the 2D homogeneous wave equation [elektronický dokument] In: Computers and Mathematics with Applications: An International Journal. Amsterdam: Elsevier, 2022, č. 119, s. 241-256 [tlačaná forma] [online]. ISSN 0898-1221. ISSN (online) 1873-7668. - SCIE ; SCO ; WOS CC, 241 - 256

2022 [1/20] / CHN - Ba, Z., Zhao, J., Wu, M., Liang, J. Simulation of near-fault ground motions in complex sites based on CPU-GPU heterogeneous parallelism by spectral element method In: Dizhen xuebao. [s.l.]: Acta Seismologica Sinica Press, 2022, Roč. 44, č. 1, [tlačaná forma]. ISSN 0253-3782. - SCO, 182 - 193

2022 [1/20] / NLD - Amini, D., Maghoul, P., Perret, D., Gatmiri, B. Two-dimensional basin-scale seismic site effects in the Kitimat Valley, British Columbia, Canada: A practical example of using a fast hybrid FE/BE method [elektronický dokument] In: Engineering Geology: An International Journal. Amsterdam: Elsevier, 2022, č. 311, [tlačená forma] [online]. ISSN 0013-7952. ISSN (online) 1872-6917. - SCIE ; SCO ; WOS CC, art. no. 106872

2022 [1/20] / DEU - Wang, J., Liang, Y., Feng, Z., Ma, P., Wang, L., Yin, H. Reverting rupture processes based on fast synthesized 3D Green's functions: application to the 2010 El mayor-Cucapah earthquake and the 2017 Jiuzhaigou earthquake [elektronický dokument] In: Earth Science Informatics. Berlin: Springer Nature, 2022, Roč. 15, č. 1, [tlačená forma] [online]. ISSN 1865-0473. ISSN (online) 1865-0481. - SCIE ; SCO ; WOS CC, 307 - 320

2023 [1/20] / GBR - Sreejaya, K. P., Raghukanth, S. T. G., Srinagesh, D. Seismic wave propagation simulations in Indo-Gangetic basin using spectral element method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 232, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 247 - 273

2023 [1/20] / CHE - Wang, C., Qi, W., Bo, J., Wang, F., Wang, S., Xin, H. Research on basin effect based on 2-D geophysical prospecting profile In: Frontiers in Earth Science. Lausanne: Frontiers Media, 2023, Roč. 10, [online]. ISSN 2296-6463. - SCIE ; SCO ; WOS CC, art. no. 987510

2024 [1/20] / GBR - Jiang, Luqian, Zhang, Wei. Efficient implementation of equivalent medium parametrization in finite-difference seismic wave simulation methods [elektronický dokument]. DOI 10.1093/gji/ggae286 In: Geophysical Journal International. Oxford: Oxford University Press, 2024, Roč. 239, č. 1, s. 675-693 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; SCIE ; CCC, 675 - 693

2024 [1/20] / CHE - Hakimov, Farkhod, Havenith, Hans Balder, Ischuk, Anatoly, Reicherter, Klaus. Assessment of Site Effects and Numerical Modeling of Seismic Ground Motion to Support Seismic Microzonation of Dushanbe City, Tajikistan. DOI 10.3390/geosciences14050117 In: Geosciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2024, Roč. 14, č. 5, art. no. 117 [online]. ISSN 2076-3263. - SCO ; WOS CC ; ESCI, art. no. 117

2023 [1/20] / GBR - Zhan, Chengpeng, Yang, Lei, Yang, Xiao, Liu, Hui, Zhang, Huijie, Zhao, Wanhua. Decomposition of trajectory errors caused by flexibility outside the control loop based on the frequency-domain machine tool mechatronics model [elektronický dokument]. DOI 10.1177/09544054221149550 In: Proceedings of the Institution of Mechanical Engineers: Part B: Journal of Engineering Manufacture. Londýn: SAGE Publications, 2023, Roč. 237, č. 14, s. 2191-2202 [tlačená forma] [online]. ISSN 0954-4054. ISSN (online) 2041-2975. - SCO ; WOS CC ; CCC ; SCIE, 2191 - 2202

2023 [1/20] / USA - Hayek, Jorge N., May, Dave A., Pranger, Casper, Gabriel, Alice Agnes. A Diffuse Interface Method for Earthquake Rupture Dynamics Based on a Phase-Field Model [elektronický dokument]. DOI 10.1029/2023JB027143 In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2023, Roč. 128, č. 12, art. no. e2023JB027143 [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chybné) 0148-0227. - SCO ; WOS CC ; CCC ; SCIE, art. no. e2023JB027143

2023 [1/20] / USA - Hailemichael, Salomon, Di Giulio, Giuseppe, Milana, Giuliano, Vassallo, Maurizio, Bordoni, Paola. From ambient vibration data analysis to 1D ground-motion prediction of the Mj 5.9 and the Mj 6.5 Kumamoto earthquakes in the Kumamoto alluvial plain, Japan [elektronický dokument]. DOI 10.1186/s40623-023-01848-x In: Earth, Planets and Space. New York: Springer Nature, 2023, Roč. 75, č. 1, art. no. 105 [tlačená forma] [online]. ISSN 1343-8832. ISSN (online) 1880-5981. - SCO ; WOS CC ; CCC ; SCIE, art. no. 105

2024 [1/20] / NLD - Sreejaya, K. P., Raghukanth, S. T.G. A 3D computational model for ground motion simulation in Peninsular India [elektronický dokument]. DOI 10.1016/j.pepi.2024.107208 In: Physics of the Earth and Planetary Interiors: a journal devoted to observational and experimental studies of the earth and planetary interiors and their theoretical interpretation by the physical sciences. Amsterdam: Elsevier, 2024, č. 353, art. no. 107208 [tlačená forma] [online]. ISSN 0031-9201. ISSN (online) 1872-7395. - SCO ; WOS CC ; CCC ; SCIE, art. no. 107208

2024 [1/20] / USA - Sun, Tianwei, Wang, Baoshan, Yang, Wei. Fine Shallow Structures of Binchuan

Basin Inverted From Receiver Functions and Implications for Basin Evolution [elektronický dokument]. DOI 10.1029/2024JB028858 In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2024, Roč. 129, č. 9, art. no. e2024JB028858 [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chybné) 0148-0227. - SCO ; WOS CC ; CCC ; SCIE, art. no. e2024JB028858

2024 [1/20] / GBR - Cao, J., Brossier, R., Capdeville, Y., Métivier, L., Sambolian, S. A fully scalable homogenization method to upscale 3-D elastic media [elektronický dokument]. DOI 10.1093/gji/ggae132 In: Geophysical Journal International. Oxford: Oxford University Press, 2024, Roč. 238, č. 1, s. 72-90 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 72 - 90

2023 [1/20] / GBR - Korres, M., Lopez-Caballero, F., Alves Fernandes, V., Gatti, F., Zentner, I., Voldoire, F., Clouteau, D., Castro-Cruz, D. Enhanced Seismic Response Prediction of Critical Structures via 3D Regional Scale Physics-Based Earthquake Simulation [elektronický dokument]. DOI 10.1080/13632469.2021.2009061 In: Journal of Earthquake Engineering. Abingdon: Taylor & Francis Group, 2023, Roč. 27, č. 3, s. 546-574 [tlačená forma] [online]. ISSN 1363-2469. ISSN (online) 1559-808X. - SCO ; CCC ; SCIE ; WOS CC, 546 - 574

ADC_017 / Maufroy, Emeline (Autor) (16%) - Chaljub, Emmanuel (Autor) (16%) - Hollender, Fabrice (Autor) (16%) - Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (15%) - Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (15%) - Klin, Peter (Autor) (2%) - Priolo, Enrico (Autor) (2%) - Iwaki, Asako (Autor) (2%) - Iwata, Tomotaka (Autor) (2%) - Etienne, Vincent (Autor) (2%) - de Martin, Florent (Autor) (2%) - Theodoulidis, Nikos P. (Autor) (2%) - Manakou, Maria (Autor) (2%) - Guyonnet-Benaize, Cédric (Autor) (2%) - Pitilakis, Kyriazis (Autor) (2%) - Bard, Pierre-Yves (Autor) (2%): Earthquake ground motion in the Mygdonian basin, Greece: the E2VP verification and validation of 3D numerical simulation up to 4 Hz. – text, tab., obr. – DOI 10.1785/0120140228. – CCC ; SCO ; WOS CC ; SCIE

In: *Bulletin of the Seismological Society of America* [textový dokument (print)] [elektronický dokument] . – ElCerrito (USA) : Seismological Society of America. – ISSN 0037-1106. – ISSN (online) 1943-3573. – Roč. 105, č. 3 (2015), s. 1398-1418 [tlačená forma] [online]

Počet všetkých autorov: 16

[článok]

Lit.: 46

[OV 092 Vedy o Zemi a vesmíre]

Indikátor časopisu:

SNIP: 1,473

SJR: 1,942

CiteScore: 4,1

Ohlasy (45):

2016 [1/12] / CHE - Dujardin, A., Causse, M., Courboux, F., Traversa, P. Simulation of the basin effects in the po plain during the Emilia-Romagna Seismic Sequence (2012) using empirical Green's functions [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2016, Roč. 173, č. 6, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 1993 - 2010

2016 [1/12] / NLD - Makra, K., Chavez-Garcia, F. J. Site effects in 3D basins using 1D and 2D models: an evaluation of the differences based on simulations of the seismic response of Euroseistest [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2016, Roč. 14, č. 4, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 1177 - 1194

2016 [1/12] / GBR - Taborda, R., Azizzadeh-Roodpish, S., Khoshnevis, N., Cheng, K. Evaluation of the southern California seismic velocity models through simulation of recorded events [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 205, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1342 - 136

2017 [1/12] / neurčené - Bradley, B. A., Pettinga, D., Baker, J. W., Fraser, J. Earthquake engineering practice Guidance on the Utilization of Earthquake-Induced Ground Motion Simulations in Engineering Practice In: Earthquake Spectra, 2017, Roč. 33, č. 3. - SCIE ; SCO ; WOS CC, 809 - 835

2017 [1/12] / neurčené - Gatti, F., Lopez-Caballero, F., De Abreu Correal, L., Clouteau, D., Paolucci, R. Physics-based scenario of the 2007 Chuetsu-Oki earthquake In: 6th International Conference on

Computational Methods in Structural Dynamics and Earthquake Engineering (COMPDYN 2017) :
Proceedings. [Athens]: National Technical University of Athens, 2017. - SCO, 2343 - 2361

2017 [1/12] / neurčené - Igel, H. Computational Seismology: A Practical Introduction. BKCI-S Book
Citation Index - Science N/A In: Computational Seismology: A Practical Introduction. New York: Oxford
Univ Press, 2017. - WOS CC, 1 - 323

2017 [1/12] / USA - Khan, S., van der Meijde, M., van der Werff, H. Shafique, M. Impact of Mesh and
DEM Resolutions in SEM Simulation of 3D Seismic Response [elektronický dokument] In: Bulletin of the
Seismological Society of America. ElCerrito: Seismological Society of America, 2017, Roč. 107, č. 5,
[tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2151 -
2159

2018 [1/12] / DEU - Cruz-Jiménez, H., Li, G., Martin Mai, P., Hoteit, I., Knio, O. M. Bayesian inference of
earthquake rupture models using polynomial chaos expansion [elektronický dokument] In: Geoscientific
Model Development. Gottingen: Copernicus Gesellschaft, 2018, Roč. 11, č. 7, [tlačená forma] [online].
ISSN 1991-959X. ISSN (online) 1991-9603. - SCO, 3071 - 3088

2021 [1/12] / NLD - Falcone, Gaetano, Acunzo, Gianluca, Mendicelli, Amerigo, Mori, Federico, Naso,
Giuseppe, Peronace, Edoardo, Porchia, Attilio, Romagnoli, Gino, Tarquini, Emanuele, Moscatelli,
Massimiliano. Seismic amplification maps of Italy based on site-specific microzonation dataset and
one-dimensional numerical approach [elektronický dokument]. DOI 10.1016/j.enggeo.2021.106170 In:
Engineering Geology: An International Journal. Amsterdam: Elsevier, 2021, Roč. 289, art. no. 106170
[tlačená forma] [online]. ISSN 0013-7952. ISSN (online) 1872-6917. - SCO ; WOS CC ; CCC, Art. No.
106170

2018 [1/12] / USA - Khoshnevis, N., Taborda, R. Prioritizing Ground-Motion Validation Metrics Using
Semisupervised and Supervised Learning [elektronický dokument] In: Bulletin of the Seismological
Society of America. ElCerrito: Seismological Society of America, 2018, Roč. 108, č. 4, [tlačená forma]
[online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; WOS CC, 2248 - 2264

2021 [1/12] / USA - Paolucci, R., Smerzini, C., Vanini, M. BB-SPEEDset: A Validated Dataset of
Broadband Near-Source Earthquake Ground Motions from 3D Physics-Based Numerical Simulations
[elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological
Society of America, 2021, Roč. 111, č. 5, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online)
1943-3573. - SCIE ; SCO ; WOS CC, 2527 - 2545

2018 [1/12] / neurčené - Gatti, F., Touhami, S., Lopez-Caballero, F., Paolucci, R., Clouteau, D.,
Fernandes, V. A., Kham, M., Voltaire, F. Broad-band 3-D earthquake simulation at nuclear site by an
all-embracing source-to-structure approach In: Soil Dynamics and Earthquake Engineering, č. 115, 2018,
2018. - SCIE ; SCO ; WOS CC, 263 - 280

2018 [1/12] / GBR - Lambrecht, L., Lamert, A., Friederich, W., Moller, T., Boxberg, M. S. A nodal
discontinuous Galerkin approach to 3-D viscoelastic wave propagation in complex geological media
[elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2018,
Roč. 212, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS
CC, 1570 - 1587

2018 [1/12] / USA - Paolucci, R., Gatti, F., Infantino, M., Smerzini, C., Ozcebe, A. G., Stupazzini, M.
Broadband ground motions from 3D physics-based numerical simulations using artificial neural networks
[elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological
Society of America, 2018, Roč. 108, č. 3, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online)
1943-3573. - SCO, 1272 - 1286

2019 [1/12] / neurčené - Bradley, B. A. On-going challenges in physics-based ground motion prediction
and insights from the 2010-2011 Canterbury and 2016 Kaikoura, New Zealand earthquakes In: Soil
Dynamics and Earthquake Engineering, č. 124, 2019, 2019. - SCIE ; SCO ; WOS CC, 354 - 364

2019 [1/12] / GBR - Oral E., Gélis, C., Bonilla, L. F. 2-D P-SV and SH spectral element modelling of
seismic wave propagation in non-linear media with pore-pressure effects [elektronický dokument] In:
Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 217, č. 2, [tlačená forma]
[online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO, 1353 - 1365

2019 [1/12] / neurčené - Ruan, B., Zhao, K., Wang, S. Y., Chen, G. X., Wang, H. Y. Numerical modeling of seismic site effects in a shallow estuarine bay (Suai Bay, Shantou, China) In: Engineering Geology, č. 260, 2019, 2019. - SCIE ; SCO ; WOS CC, Art. No. 105233

2019 [1/12] / USA - Yassminh, R., Gallegos, A., Sandvol, E., Ni, J. Investigation of the Regional Site Response in the Central and Eastern United States [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2019, Roč. 109, č. 3, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1005 - 1024

2020 [1/12] / NLD - Falcone, G., Boldini, D., Martelli, L., Amorosi, A. Quantifying local seismic amplification from regional charts and site specific numerical analyses: a case study [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2020, Roč. 18, č. 1, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 77 - 107

2020 [1/12] / neurčené - Lee, R. L., Bradley, B. A., Stafford, P. J., Graves, R. W., Rodriguez-Marek, A. Hybrid broadband ground motion simulation validation of small magnitude earthquakes in Canterbury, New Zealand In: Earthquake Spectra, 2020, Roč. 36, č. 2. - SCIE ; SCO ; WOS CC, 673 - 699

2020 [1/12] / neurčené - Thomson, E. M., Bradley, B. A., Lee, R. L. Methodology and computational implementation of a New Zealand Velocity Model (NZVM2.0) for broadband ground motion simulation [elektronický dokument] In: New Zealand Journal of Geology and Geophysics, 2020, Roč. 63, č. 1, [tlačená forma]. ISSN 0028-8306. ISSN (online) 1175-8791. - SCIE ; SCO ; WOS CC, 110 - 127

2021 [1/20] / CHE - Hu, Y., Lam, N., Khatiwada, P., Menegon, S. J., Looi, D. T. W. Site-Specific Response Spectra: Guidelines for Engineering Practice [elektronický dokument] In: CivilEng. Bazilej: Multidisciplinary Digital Publishing Institute, 2021, Roč. 2, č. 3, [online]. ISSN (online) 2673-4109. - SCO, 712 - 735

2021 [1/20] / CHN - Li, L., Yao, H., Luo, S., Li, J., Wang, X., Ni, H., Bao, Z. A multi-scale 3-D crust velocity model in the Hefei-Chao Lake area around the southern segment of Tanlu Fault Zone [elektronický dokument] In: Earthquake Science. Peking: KeAi Communications Co., 2021, Roč. 34, č. 4, [tlačená forma] [online]. ISSN 1674-4519. ISSN (online) 1867-8777. - SCIE ; SCO ; WOS CC, 344 - 357

2021 [1/12] / GBR - Liu, Z.-X., Huang, Z.-E., Zhang, Z., Meng, S.-B., Huang, L. Three-dimensional preconditioned FM-IBEM solution to broadband-frequency seismic wave scattering in a layered sedimentary basin In: Engineering analysis with boundary elements: the international journal for boundary element research and applications. Southampton: Computational Mechanics Publications, 2021, Roč. 133, [tlačená forma]. ISSN 0955-7997. - SCIE ; SCO ; WOS CC, 1 - 18

2023 [1/20] / CHE - Sun, Rui, Qi, Wanwan, Zheng, Tong, Qi, Jinlei. Explainable Machine-Learning Predictions for Peak Ground Acceleration [elektronický dokument]. DOI 10.3390/app13074530 In: Applied sciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2023, Roč. 13, č. 7, art. no. 4530 [online]. ISSN (online) 2076-3417. - SCO ; WOS CC ; CCC ; SCIE, art. no. 4530

2022 [1/20] / GBR - Anquez, Pierre, Glinsky, Nathalie, Cupillard, Paul, Caumon, Guillaume. Impacts of geometric model simplifications on wave propagation - application to ground motion simulation in the lower Var valley basin (France) [elektronický dokument]. DOI 10.1093/gji/ggab447 In: Geophysical Journal International. Oxford: Oxford University Press, 2022, Roč. 229, č. 1, s. 110-137 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC, 110 - 137

2022 [1/20] / CHE - Touhami, Sara, Gatti, Filippo, Lopez-Caballero, Fernando, Cottureau, Régis, de Abreu Corrêa, Lúcio, Aubry, Ludovic, Clouteau, Didier. SEM3D: A 3D High-Fidelity Numerical Earthquake Simulator for Broadband (0–10 Hz) Seismic Response Prediction at a Regional Scale. DOI 10.3390/geosciences12030112 In: Geosciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2022, Roč. 12, č. 3, art. no. 112 [online]. ISSN 2076-3263. - SCO ; WOS CC ; ESCI, art. no. 112

2022 [1/20] / GBR - Mendicelli, Amerigo, Falcone, Gaetano, Acunzo, Gianluca, Mori, Federico, Naso, Giuseppe, Peronace, Edoardo, Porchia, Attilio, Romagnoli, Gino, Moscatelli, Massimiliano. Italian seismic amplification factors for peak ground acceleration and peak ground velocity [elektronický dokument]. DOI 10.1080/17445647.2022.2101947 In: Journal of Maps. Abingdon: Taylor & Francis Group, 2022, Roč. 18,

2022 [1/20] / USA - Mazzieri, I., Muhr, M., Stupazzini, M., Wohlmuth, B. Elasto-acoustic modeling and simulation for the seismic response of structures: The case of the Tahtali dam in the 2020 Izmir [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2022, Roč. 466, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, art. no. 111411

2022 [1/20] / NLD - Aldirany, Z., Cottureau, R., Laforest, M., Prudhomme, S. Optimal error analysis of the spectral element method for the 2D homogeneous wave equation [elektronický dokument] In: Computers and Mathematics with Applications: An International Journal. Amsterdam: Elsevier, 2022, č. 119, s. 241-256 [tlačená forma] [online]. ISSN 0898-1221. ISSN (online) 1873-7668. - SCIE ; SCO ; WOS CC, 241 - 256

2021 [1/12] / USA - Wang, X.-C., Wang, J.-T., Zhang, L., Li, S., Zhang, C.-H. A Multidimension Source Model for Generating Broadband Ground Motions with Deterministic 3D Numerical Simulations [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2021, Roč. 111, č. 2, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 989 - 1013

2022 [1/20] / USA - Chang, J., Deng, Y. H., Mu, H. D., Xuan, Y., Cao, G. A microtremor study to reveal the dynamic response of earth fissure site: the case study in Fenwei Basins, China [elektronický dokument] In: Environmental Earth Sciences. New York: Springer Nature. Springer International Publishing AG, 2022, Roč. 81, č. 3, [tlačená forma] [online]. ISSN 1866-6280. ISSN (online) 1866-6299. - SCIE ; WOS CC, art. No. 80

2022 [1/20] / DEU - Cheaib, A., Lacroix, P., Zerathe, S., Jongmans, D., Ajorlou, N., Doin, M.-P., Hollingsworth, J., Abdallah, C. Landslides induced by the 2017 Mw7.3 Sarpol Zahab earthquake (Iran) [elektronický dokument] In: Landslides. Heidelberg: Springer Nature. Springer International Publishing AG, 2022, Roč. 19, č. 3, [tlačená forma] [online]. ISSN 1612-510X. ISSN (online) 1612-5118. - SCIE ; SCO ; WOS CC, 603 - 619

2022 [1/20] / USA - Jiang, C., Yahong, D., Huangdong, M., You, X., Ge, C. A microtremor study to reveal the dynamic response of earth fissure site: the case study in Fenwei Basins, China [elektronický dokument] In: Environmental Earth Sciences. New York: Springer Nature. Springer International Publishing AG, 2022, Roč. 81, č. 3, [tlačená forma] [online]. ISSN 1866-6280. ISSN (online) 1866-6299. - SCO, art. no. 80

2022 [1/20] / USA - Lee, R. L., Bradley, B. A., Stafford, P. J., Graves, R. W., Rodriguez-Marek, A. Hybrid broadband ground-motion simulation validation of small magnitude active shallow crustal earthquakes in New Zealand [elektronický dokument] In: Earthquake spectra: the professional journal of the Earthquake Engineering Research Institute. Berkeley: Earthquake Engineering Research Institute, 2022, Roč. 38, č. 4, [tlačená forma] [online]. ISSN 8755-2930. ISSN (online) 1944-8201. - SCIE ; SCO ; WOS CC, 2548 - 2579

2022 [1/20] / GBR - Liu, Z., Qiao, Y., Cheng, X., El Nagggar, M. H. Nonlinear seismic response and amplification effect of 3D sedimentary basin based on bounding surface constitutive model [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2022, č. 158, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCO, art. no. 107292

2022 [1/20] / CHE - Meng, S.-B., Zhao, J.-W., Liu, Z.-X., Jin, W. Prediction and Modeling for Local Site Amplification Effect of Ground Motion: Exploring Optimized Machine Learning Approaches [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2022, Roč. 179, č. 5, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 1805 - 1827

2022 [1/20] / USA - Wu, M., Ba, Z., Liang, J. A procedure for 3D simulation of seismic wave propagation considering source-path-site effects: Theory, verification and application [elektronický dokument] In: Earthquake Engineering and Structural Dynamics. Chichester: John Wiley & Sons. Wiley-Blackwell, 2022, Roč. 51, č. 12, [tlačená forma] [online]. ISSN 0098-8847. ISSN (online) 1096-9845. - SCIE ; SCO ; WOS CC, 2925 - 2955

2023 [1/20] / NLD - Jenkins, L. T., Creed, M. J., Tarbali, K., Muthusamy, M., Trogrlic, R. S., Phillips, J. C.,

Watson, C. S., Sinclair, H. D., Galasso, C., ; McCloskey, J. Physics-based simulations of multiple natural hazards for risk-sensitive planning and decision making in expanding urban regions [elektronický dokument] In: International Journal of Disaster Risk Reduction. Amsterdam: Elsevier. Elsevier Science, 2023, č. 84, [online]. ISSN (online) 2212-4209. - SCIE ; SCO ; WOS CC, art. no. 103338

2022 [1/20] / USA - Petukhin, A., Iwasaki, Y. Validation of the Osaka basin velocity model by waveform simulation using sources inverted with reciprocal Green's functions [elektronický dokument] In: Earth, Planets and Space. New York: Springer Nature, 2022, Roč. 75, č. 1, [tlačená forma] [online]. ISSN 1343-8832. ISSN (online) 1880-5981. - SCIE ; SCO ; WOS CC, art. no. 69

2024 [1/20] / CHE - Liu, Qifang, Yu, Yanyan, Ding, Haiping. Long-Period Ground Motion Simulation of the 2008 Mw7.9 Wenchuan Earthquake Considering the Western Sichuan Basin [elektronický dokument]. DOI 10.1007/s40996-023-01141-7 In: Iranian Journal of Science and Technology - Transactions of Civil Engineering. Cham: Springer Nature. Springer, 2024, Roč. 48, č. 1, s. 169-183 [tlačená forma] [online]. ISSN 22286160. ISSN (online) 23641843. - SCO ; WOS CC ; SCIE, 169 - 183

2024 [1/20] / USA - Moschetti, Morgan P., Thompson, Eric M., Withers, Kyle. Basin effects from 3D simulated ground motions in the Greater Los Angeles region for use in seismic hazard analyses [elektronický dokument]. DOI 10.1177/87552930241232372 In: Earthquake spectra: the professional journal of the Earthquake Engineering Research Institute. Berkeley: Earthquake Engineering Research Institute, 2024, Roč. 40, č. 2, s. 1042-1065 [tlačená forma] [online]. ISSN 8755-2930. ISSN (online) 1944-8201. - SCO ; WOS CC ; CCC ; SCIE, 1042 - 1065

2024 [1/20] / NLD - Zhong, Zilan, Ni, Bo, Shen, Jiaxu, Du, Xiuli. Neural network prediction model for site response analysis based on the KiK-net database [elektronický dokument]. DOI 10.1016/j.compgeo.2024.106366 In: Computers and Geotechnics. Amsterdam: Elsevier, 2024, č. 171, art. no. 106366 [tlačená forma] [online]. ISSN 0266352X. ISSN (online) 18737633. - SCO ; WOS CC ; CCC ; SCIE, art. no. 106366

2023 [1/20] / USA - Petukhin, Anatoly, Iwasaki, Yoshinori. Validation of the Osaka basin velocity model by waveform simulation using sources inverted with reciprocal Green's functions [elektronický dokument]. DOI 10.1186/s40623-023-01824-5 In: Earth, Planets and Space. New York: Springer Nature, 2023, Roč. 75, č. 1, art. no. 69 [tlačená forma] [online]. ISSN 1343-8832. ISSN (online) 1880-5981. - SCO ; WOS CC ; SCIE ; CCC, art. no. 69

2023 [1/20] / CHE - Hinojosa, Hector R. The Importance of Assessing the Geological Site Effects of Ancient Earthquakes from the Archaeoseismological Point of View. DOI 10.3390/eng4010043 In: Eng. Basel: Multidisciplinary Digital Publishing Institute, 2023, Roč. 4, č. 1, s. 719-737 [online]. ISSN 2673-4117. - SCO ; WOS CC ; ESCI, 719 - 737

ADC_018 / Clapood, Maxime (Autor) (40%) - Asten, Michael W. (Autor) (30%) - Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (30%): Combining HVSR microtremor observations with the SPAC method for site resonance study of the Tamar Valley in Launceston (Tasmania, Australia). – text, obr. – DOI 10.1111/j.1365-246X.2012.05654.x. – SCO ; WOS CC ; SCIE ; CCC

In: *Geophysical Journal International* [textový dokument (print)] [elektronický dokument] . – Oxford (Veľká Británia) : Oxford University Press. – ISSN 0956-540X. – ISSN (online) 1365-246X. – Roč. 191, č. 2 (2012), s. 765-780 [tlačená forma] [online]

Počet všetkých autorov: 3

[článok]

Lit.: 68

[OV 092 Vedy o Zemi a vesmíre]

Indikátor časopisu:

SNIP: 1,415

SJR: 2,367

CiteScore: 4,6

Ohlasy (29):

2013 [1/12] / neurčené - Petrosino, S., Bianco, F., Bobbio, A., Castellano, M., Cusano, P., Del Pezzo, E., Galluzzo, D., La Rocca, M., Maiello, V., Maiello, V. Noise measurements at seismic array in the drilling site of Bagnolifutura, Campi Flegrei In: Quaderni Di Geofisica, 2013, Roč. 1. - ESCI ; SCO ; WOS CC, Art. No. 111

2016 [1/12] / DEU - Kalie, A. E., Hafiez, A. H. E., Mossa, H. The efficiency of horizontal to vertical

spectral ratio technique for buried monuments delineation (case study, Saqqara (Zoser) pyramid, Egypt) [elektronický dokument] In: Arabian Journal of Geosciences. Heidelberg: Springer Nature, 2016, Roč. 9, č. 1, [tlačená forma]. ISSN 1866-7511. ISSN (online) 1866-7538. - SCIE ; SCO ; WOS CC, Art. No. 7

2017 [1/12] / GBR - Chavez-Garcia, F. J., Raptakis, D. Local amplification and subsoil structure at a difficult site: Understanding site effects from different measurements [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2017, Roč. 92, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 334 - 344

2018 [1/12] / NLD - Amoroso, S., Gaudiosi, I., Tallini, M., Di Giulio, G., Milana, G. 2D site response analysis of a cultural heritage: the case study of the site of Santa Maria di Collemaggio Basilica (L'Aquila, Italy) [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2018, Roč. 16, č. 10, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 4443 - 4466

2018 [1/12] / neurčené - Cai, X., Liu, Y., Ren, Z. Acoustic reverse-time migration using GPU card and POSIX thread based on the adaptive optimal finite-difference scheme and the hybrid absorbing boundary condition In: Computers & GeoSciences, č. 115, 2018, 2018. - SCIE ; WOS CC, 42 - 55

2018 [1/12] / neurčené - Gao, K., Fu, S., Chung, E. T. A high-order multiscale finite-element method for time-domain acoustic-wave modeling In: Journal of Computational Physics, č. 360, 2018, 2018. - SCIE ; WOS CC, 120 - 136

2018 [1/12] / NLD - Chavez-Garcia, F. J., Manakou, M. V., Hollender, F., Raptakis, D. G. Site effects using methods based on lateral homogeneity and laterally heterogeneous media: An impossible marriage? [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2018, Roč. 16, č. 7, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 2729 - 2756

2019 [1/12] / DEU - Fu, S., Gao, K., Gibson, R. L., Chung, E. T. An efficient high-order multiscale finite element method for frequency-domain elastic wave modeling [elektronický dokument] In: Computational Geosciences: Modeling, Simulation and Data Analysis. Berlin: Springer Nature. Springer International Publishing AG, 2019, Roč. 23, č. 5, [tlačená forma] [online]. ISSN 1420-0597. ISSN (online) 1573-1499. - SCO, 997 - 1010

2016 [1/20] / NLD - Maresca, R., Berrino, G. Investigation of the buried structure of the Volturara Irpina Basin (Southern Italy) by microtremor and gravimetric data [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2016, Roč. 128, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, 96 - 109

2020 [1/12] / GBR - Cheng, T., Cox, B. R., Vantassel, J. P., Manuel, L. A statistical approach to account for azimuthal variability in single-station HVSR measurements [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2020, Roč. 223, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1040 - 1053

2019 [1/12] / FRA - Bottelin, P., Dufréchoy, G., Seoane, L., Llubes, M., Monod, B. Geophysical methods for mapping Quaternary sediment thickness: Application to the Saint-Lary basin (French Pyrenees) [elektronický dokument] In: Comptes Rendus - Geoscience. Paris: Academie des Sciences, 2019, Roč. 351, č. 6, [tlačená forma] [online]. ISSN 1631-0713. ISSN (online) 1778-7025. - SCIE ; SCO ; WOS CC, 407 - 419

2019 [1/20] / GBR - Leng, K., Nissen-Meyer, T., van Driel, M., Hosseini, K., Al-Attar, D. AxiSEM3D: broad-band seismic wavefields in 3-D global earth models with undulating discontinuities [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 217, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 2125 - 2146

2019 [1/12] / USA - Rodgers, A. J., Petersson, N. A., Pitarka, A., McCallen, D. B., Sjogreen, B., Abrahamson, N. Broadband (0-5 Hz) Fully Deterministic 3D Ground-Motion Simulations of a Magnitude 7.0 Hayward Fault Earthquake: Comparison with Empirical Ground-Motion Models and 3D Path and Site Effects from Source Normalized Intensities [elektronický dokument] In: Seismological Research Letters.

Albany: Seismological Society of America, 2019, Roč. 90, č. 3, [tlačená forma] [online]. ISSN 0895-0695. ISSN (online) 1938-2057. - SCIE ; SCO ; WOS CC, 1268 - 1284

2017 [1/20] / GBR - Poggi, V., Burjanek, J., Michel, C., Fah, D. Seismic site-response characterization of high-velocity sites using advanced geophysical techniques: application to the NAGRA-Net [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 210, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 645 - 659

2018 [1/20] / POL - Zhang, Z., Chen, X., Gao, M., Li, Z., Li, Q. Simulation of the microtremor H/V spectrum based on the theory of surface wave propagation in a layered half-space [elektronický dokument] In: Acta Geophysica. Varšava: Springer Nature. Springer International Publishing AG, 2018, Roč. 66, č. 2, [tlačená forma] [online]. ISSN 1895-6572. ISSN (online) 1895-7455. - SCIE ; SCO ; WOS CC, 121 - 130

2019 [1/12] / neurčené - Fu, S., Gao, K., Chung, E. T. A high-order multiscale finite-element method for time-domain elastic wave modeling in strongly heterogeneous media In: Journal of Applied Geophysics, č. 170, 2019, 2019. - SCIE ; WOS CC, Art. No. 103852

2019 [1/12] / neurčené - Pleshkevich, A., Vishnevskiy, D., Lisitsa, V. Sixth-order accurate pseudo-spectral method for solving one-way wave equation In: Applied Mathematics and Computation, č. 359, 2019, 2019. - SCIE ; WOS CC, 34 - 51

2019 [1/12] / neurčené - Xu, S., Liu, Y. Modeling 3D elastic VTI wave propagation using an optimal k-space operator-based temporal high-accuracy staggered-grid finite-difference scheme In: Journal of Applied Geophysics, č. 170, 2019, 2019. - SCIE ; WOS CC, Art. No. 103847

2019 [1/12] / GBR - García-Jerez, A., Seivane, H., Navarro, M., Martínez-Segura, M., Pina-Flores, J. Joint analysis of Rayleigh-wave dispersion curves and diffuse-field HVSR for site characterization: The case of El Ejido town (SE Spain) [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2019, Roč. 121, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 102 - 120

2020 [1/12] / neurčené - Akkaya, I. Availability of seismic vulnerability index (K_g) in the assessment of building damage in Van, Eastern Turkey In: Earthquake Engineering and Engineering Vibration, 2020, Roč. 19, č. 1. - SCIE ; SCO ; WOS CC, 189 - 204

2020 [1/12] / neurčené - Wang, J.-X., Rong, M.-S., Fu, L.-Y., Fu, L. Joint inversion of site velocity structure by microtremor array record: A case study of the observation site 3# of Xiangtang in Tangshan In: Dizhen Dizhi, 2020, Roč. 42, č. 6. - SCO, 1335 - 1353

2022 [1/20] / USA - Asnawi, Y., Simanjuntak, A. V. H., Muksin, U., Okubo, M., Putri, S. I., Rizal, S., Syukri, M. Soil classification in a seismically active environment based on join analysis of seismic parameters [elektronický dokument] In: Global Journal of Environmental Science and Management, 2022, Roč. 8, č. 3, [online]. ISSN 2383-3572. ISSN (online) 2383-3866. - ESCI ; SCO ; WOS CC, 297 - 314

2023 [1/20] / USA - Simanjuntak, A. V. H., Muksin, U., Arifullah, A., Lythgoe, K., Asnawi, Y., Sinambela, M., Rizal, S., Wei, S. Environmental vulnerability characteristics in an active swarm region [elektronický dokument] In: Global Journal of Environmental Science and Management, 2023, Roč. 9, č. 2, [online]. ISSN 2383-3572. ISSN (online) 2383-3866. - ESCI ; SCO ; WOS CC, 211 - 226

2023 [1/20] / USA - Rusydi, M., Sandra, S., Utami, A. C., Aisy, A. N., Syahfitriani, N., Padidik, E. A., Rahmawati, R., Sofyan, S. Earthquake hazard analysis in Mamuju district In: The 3rd International Seminar of Science and Technology (ISST-3 2021). College Park: American Institute of Physics, 2023, [tlačená forma] [online]. ISBN 9780735445192

2019 [1/12] / GBR - Ren, Zhiming, Li, Zhenchun. High-order temporal and implicit spatial staggered-grid finite-difference operators for modelling seismic wave propagation [elektronický dokument]. DOI 10.1093/gji/ggz059 In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 217, č. 2, 844-865 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 844 - 865

2020 [1/12] / GBR - Cho, I. Two-sensor microtremor SPAC method: potential utility of imaginary spectrum components [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University

Press, 2020, Roč. 220, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1735 - 1747

2022 [1/12] / USA - Baoqing, T., You, Z., Wang, G., Zhang, J. Building a geothermal formation model using microtremor array measurement [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2022, Roč. 87, č. 1, [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC, B23 - B30

2018 [1/20] / GBR - Cipta, A., Cummins, P., Dettmer, J., Saygin, E., Irsyam, M., Rudyanto, A., Murjaya, J. Seismic velocity structure of the Jakarta Basin, Indonesia, using trans-dimensional Bayesian inversion of horizontal-to-vertical spectral ratios [elektronický dokument]. DOI 10.1093/gji/ggy289 In: Geophysical Journal International. Oxford: Oxford University Press, 2018, Roč. 215, č. 1, s. 431-449 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 431 - 449

2019 [1/20] / NLD - Akkaya, İsmail, Özvan, Ali. Site characterization in the Van settlement (Eastern Turkey) using surface waves and HVSr microtremor methods [elektronický dokument]. DOI 10.1016/j.jappgeo.2018.11.009 In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2019, č. 160, s. 157-170 [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCO ; WOS CC ; CCC ; SCIE, 157 - 170

ADC_019 / Claproot, Maxime (Autor) (70%) - Asten, Michael W. (Autor) (20%) - Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (10%): Using the SPAC microtremor method to identify 2D effects and evaluate 1D shear-wave velocity profile in valleys. – text. – DOI 10.1785/0120090232. – SCO ; WOS CC ; SCIE ; CCC

In: *Bulletin of the Seismological Society of America* [textový dokument (print)] [elektronický dokument] . – ElCerrito (USA) : Seismological Society of America. – ISSN 0037-1106. – ISSN (online) 1943-3573. – Roč. 101, č. 2 (2011), s. 826-847 [tlačená forma] [online]

Počet všetkých autorov: 3

[článok]

Lit.: 73

[OV 092 Vedy o Zemi a vesmíre]

Indikátor časopisu:

SNIP: 1,421

SJR: 1,84

CiteScore: 3,7

Ohlasy (20):

2012 [1/12] / USA - Di Giulio, G., Savvaidis, A., Ohrnberger, M., Wathelet, M., Cornou, C., Knapmeyer-Endrun, B., Renalier, F., Theodoulidis, N., Bard, P. Y. Exploring the model space and ranking a best class of models in surface-wave dispersion inversion: Application at European strong-motion sites [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2012, Roč. 77, č. 3, 147- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2014 [1/12] / GBR - Di Giulio, G., Gaudiosi, I., Cara, F., Milana, G., Tallini, M. Shear-wave velocity profile and seismic input derived from ambient vibration array measurements: the case study of downtown L'Aquila [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2014, Roč. 198, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 848 - 866

2014 [1/12] / GBR - Salloum, N., Jongmans, D., Cornou, C., Massih, D. Y. A., Chehade, F. H., Voisin, C., Mariscal, A. The shear wave velocity structure of the heterogeneous alluvial plain of Beirut (Lebanon): combined analysis of geophysical and geotechnical data [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2014, Roč. 199, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 894 - 913

2015 [1/12] / neurčené - Dong, L., Shen, X., Li, G., Zhao, S. Study on microtremors array observation of typical sites along Qinghai-Tibet Railway In: World Earthquake Engineering, 2015, Roč. 31, č. 2. - SCO, 43 - 51

2017 [1/12] / GBR - Chavez-Garcia, F. J., Raptakis, D. Local amplification and subsoil structure at a difficult site: Understanding site effects from different measurements [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2017, Roč. 92, [tlačená forma]. ISSN

2017 [1/12] / GBR - Poggi, V., Burjanek, J., Michel, C., Fah, D. Seismic site-response characterization of high-velocity sites using advanced geophysical techniques: application to the NAGRA-Net [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 210, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 645 - 659

2017 [1/12] / CHN - Zhang, Z., Chen, X., Gao, M., Li, T., Ju, Y. 3-D modeling of velocity structure for the Yuxi basin In: Dizhen xuebao. [s.l.]: Acta Seismologica Sinica Press, 2017, Roč. 39, č. 6, [tlačená forma]. ISSN 0253-3782. - SCO, 930 - 940

2018 [1/12] / NLD - Amoroso, S., Gaudiosi, I., Tallini, M., Di Giulio, G., Milana, G. 2D site response analysis of a cultural heritage: the case study of the site of Santa Maria di Collemaggio Basilica (L'Aquila, Italy) [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2018, Roč. 16, č. 10, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 4443 - 4466

2018 [1/12] / NLD - Chavez-Garcia, F. J., Manakou, M. V., Hollender, F., Raptakis, D. G. Site effects using methods based on lateral homogeneity and laterally heterogeneous media: An impossible marriage? [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2018, Roč. 16, č. 7, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 2729 - 2756

2018 [1/12] / neurčené - Srigutomo, W., Handayani, G., Priyadi, A.R., Nugraha, A. M. Investigation of 1D shear wave velocity profile using the spatial autocorrelation (SPAC) method: Case study at West Park ITB Campus, Bandung, Indonesia [elektronický dokument] In: ARPN Journal of Engineering and Applied Sciences, 2018, Roč. 13, č. 6, [online]. ISSN (online) 1819-6608. - SCO, 2096 - 2107

2018 [1/12] / POL - Zhang, Z., Chen, X., Gao, M., Li, Z., Li, Q. Simulation of the microtremor H/V spectrum based on the theory of surface wave propagation in a layered half-space [elektronický dokument] In: Acta Geophysica. Varšava: Springer Nature. Springer International Publishing AG, 2018, Roč. 66, č. 2, [tlačená forma] [online]. ISSN 1895-6572. ISSN (online) 1895-7455. - SCIE ; SCO ; WOS CC, 121 - 130

2020 [1/12] / GBR - Cho, I. Two-sensor microtremor SPAC method: potential utility of imaginary spectrum components [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2020, Roč. 220, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1735 - 1747

2021 [1/12] / NLD - Barone, I., Boaga, J., Carrera, A., Flores-Orozco, A., Cassiani, G. Tackling Lateral Variability Using Surface Waves: A Tomography-Like Approach [elektronický dokument] In: Surveys in Geophysics: an international review journal of geophysics and planetary sciences: an International Review Journal Covering the Entire Field of Geosciences and Related Areas. [Amsterdam]: Springer Nature, 2021, Roč. 42, č. 2, [tlačená forma] [online]. ISSN 0169-3298. ISSN (online) 1573-0956. - SCIE ; SCO ; WOS CC, 317 - 338

2021 [1/12] / HRV - Dindar, H., Akgun, M., Atalar, C., Ozdag, O. C. The assessment of local site effects and dynamic behaviour in Nicosia, Cyprus [elektronický dokument] In: Geofizika. Zagreb: Geofizički zavod, 2021, Roč. 38, č. 1, [tlačená forma] [online]. ISSN 0352-3659. ISSN (online) 1846-6346. - SCIE ; SCO ; WOS CC, 61 - 80

2021 [1/12] / neurčené - Irham, M. N., Zainuri, M., Yuliyanto, G., Wirasatriya, A. Measurement of ground response of Semarang coastal region risk of earthquakes by Horizontal to Vertical Spectral Ratio (HVSR) microtremor method In: 10th International Seminar on New Paradigm and Innovation of Natural Sciences and its Application (ISNPINSA 2020) : Journal of Physics: Conference Series. Bristol: IOP Publishing, 2021. - SCO, Art. No. 012033

2022 [1/20] / CHE - Baoqing, T., Zhifeng, D., Liming, Y., Yifan, F., Bo, Z. Microtremor Survey Method: A New Approach for Geothermal Exploration In: Frontiers in Earth Science. Lausanne: Frontiers Media, 2022, Roč. 10, [online]. ISSN 2296-6463. - SCIE ; SCO ; WOS CC, art. no. 817411

2022 [1/20] / USA - Baoqing, T., You, Z., Wang, G., Zhang, J. Building a geothermal formation model using microtremor array measurement [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2022, Roč. 87, č. 1, [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2023 [1/20] / USA - Nurwidiyanto, Muhammad Irham, Yulianto, Tony, Yuliyanto, Gatot, Widada, Sugeng. Estimation micro zonation to earthquake vulnerability based on HVSR microtremor method in the transition between the lower and upper of Semarang Area. DOI 10.1063/5.0141933 In: 11th International Seminar on New Paradigm and Innovation on Natural Sciences and Its Application: Developing Science and Technology Toward the New Normal Era. Melville: American Institute of Physics. AIP Publishing, 2023, art. no. 030028 [tlačená forma] [online]. ISBN 9780735445116. - SCO, art. no. 030028

2023 [1/20] / CHN - Gao Ji, Zhang HaiJiang, Zha HuaSheng, Wu JianChao, Wu DongDong, Xu YouChao, Pan Deng, Gu Ning. The effect of different arrays and noise source distribution on microtremor imaging and its application in solute salt mine cavity detection. DOI 10.6038/cjg2022Q0219 In: Diqiu wuli xuebao. Peking: Science press, 2023, Roč. 66, č. 6, s. 2489-2506 [tlačená forma]. ISSN 0001-5733. - WOS CC ; SCIE, 2489 - 2506

2024 [1/20] / USA - Pan, Qian, Shen, Xuzhang, Ye, Xiuwei, Wang, Liwei. Fine Shear-Wave Velocity Structures of Subsurface beneath the Guangdong-Hong Kong-Macao Greater Bay Area with Dense Seismic Array and SPAC Method [elektronický dokument]. DOI 10.1785/0220230310 In: Seismological Research Letters. Albany: Seismological Society of America, 2024, Roč. 95, č. 5, s. 2894-2909 [tlačená forma] [online]. ISSN 0895-0695. ISSN (online) 1938-2057. - WOS CC ; CCC ; SCIE, 2894 - 2909

ADC_020 / Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (35%) - Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (30%) - Gális, Martin (Autor) [Výskumný pracovník - výskumník] [UKOMFKAFZM] (25%) - Chaljub, Emmanuel (Autor) (6%) - Etienne, Vincent (Autor) (4%): 3-D finite-difference, finite-element, discontinuous-Galerkin and spectral-element schemes analysed for their accuracy with respect to P-wave to S-wave speed ratio. – text, obr. – DOI 10.1111/j.1365-246X.2011.05221.x. – SCO ; SCIE ; CCC ; WOS CC

In: *Geophysical Journal International* [textový dokument (print)] [elektronický dokument] . – Oxford (Veľká Británia) : Oxford University Press. – ISSN 0956-540X. – ISSN (online) 1365-246X. – Roč. 187, č. 3 (2011), s. 1645-1667 [tlačená forma] [online]

Počet všetkých autorov: 5

[článok]

Lit.: 34

[OV 091 Fyzika - OV 092 Vedy o Zemi a vesmíre]

Indikátor časopisu:

SNIP: 1,252

SJR: 2,241

CiteScore: 4,1

Ohlasy (80):

2012 [1/12] / neurčené - Kononov, A., Minisini, S., Zhebel, E., Mulder, W. A. A 3D tetrahedral mesh generator for seismic problems In: 74th European Association of Geoscientists and Engineers Conference and Exhibition 2012 Incorporating SPE Europec 2012: Responsibly Securing Natural Resources. Amsterdam: EAGE, 2012. - SCO, 300 - 304

2012 [1/12] / NLD - Witkowski, W., Rucka, M., Chroscielewski, J., Wilde, K. On some properties of 2D spectral finite elements in problems of wave propagation [elektronický dokument] In: Finite Elements in Analysis and Design. Amsterdam: Elsevier, 2012, Roč. 55, [tlačená forma] [online]. ISSN 0168-874X. ISSN (online) 1872-6925. - SCIE ; SCO ; WOS CC, 31 - 41

2012 [1/12] / GBR - Zhang, W., Zhang, Z., Chen, X. Three-dimensional elastic wave numerical modelling in the presence of surface topography by a collocated-grid finite-difference method on curvilinear grids [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2012, Roč. 190, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 358 - 378

2013 [1/12] / neurčené - De La Puente, J., Ferrer, M., Castillo, J., Gutierrez, N., Cela, J. Elastic mimetic finite-differences in the presence of topography In: 75th European Association of Geoscientists and Engineers Conference and Exhibition 2013 Incorporating SPE EUROPEC 2013: Changing Frontiers, 2013, 2013. - SCO, 1785 - 1789

2013 [1/12] / neurčené - Fu, S., Efendiev, Y., Gao, K., Gibson, R. L. Multiscale modeling of acoustic wave propagation in 2D heterogeneous media using local spectral basis functions In: SEG Technical Program Expanded Abstracts. Houston: Society of Exploration Geophysicists, 2013. - SCO, 3553 - 3558

2013 [1/12] / USA - Liu, Y. Globally optimal finite-difference schemes based on least squares [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2013, Roč. 78, č. 4, 113- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2013 [1/12] / GBR - Long, G., Zhao, Y., Zou, J. A temporal fourth-order scheme for the first-order acoustic wave equations [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2013, Roč. 194, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1473 - 1485

2013 [1/12] / neurčené - Zhebel, E., Minisini, S., Kononov, A., Mulder, W. Performance and scalability of finite-difference and finite-element wave-propagation modeling on Intel's Xeon Phi In: SEG Technical Program Expanded Abstracts. Houston: Society of Exploration Geophysicists, 2013. - SCO, 3386 - 3390

2015 [1/12] / GBR - Abreu, R., Stich, D., Morales, J. The Complex-Step-Finite-Difference method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2015, Roč. 202, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 72 - 93

2016 [1/12] / GBR - Asano, K., Sekiguchi, H., Iwata, T., Yoshimi, M., Hayashida, T., Saomoto, H., Horikawa, H. Modelling of wave propagation and attenuation in the Osaka sedimentary basin, western Japan, during the 2013 Awaji Island earthquake [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 204, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1678 - 1694

2016 [1/12] / RUS - Biryukov, V. A., Miryakha, V. A., Petrov, I. B., Khokhlov, N. I. Simulation of elastic wave propagation in geological media: Intercomparison of three numerical methods [elektronický dokument] In: Computational Mathematics and Mathematical Physics. Moskva: Pleiades Publishing, 2016, Roč. 56, č. 6, [tlačená forma] [online]. ISSN 09655425. ISSN (online) 15556662. - SCIE ; SCO ; WOS CC, 1086 - 1095

2014 [1/12] / neurčené - Waskiewicz, K., Debski, W. Time scales: Towards extending the finite difference technique for non-homogeneous grids In: Achievements, History and Challenges in Geophysics : GeoPlanet-Earth and Planetary Sciences. Berlin: Springer Nature. Springer-VDI-Verlag, 2014. - CPCI-S ; WOS CC, 397 - 417

2014 [1/12] / USA - De la Puente, J., Ferrer, M., Hanzich, M., Castillo, J. E., Cela, J. M. Mimetic seismic wave modeling including topography on deformed staggered grids [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2014, Roč. 79, č. 3, 125- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2016 [1/12] / USA - Lisitsa, V., Tcheverda, V., Botter, C. Combination of the discontinuous Galerkin method with finite differences for simulation of seismic wave propagation [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2016, Roč. 311, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 142 - 157

2014 [1/12] / USA - Vishnevsky, D., Lisitsa, V., Tcheverda, V., Reshetova, G. Numerical study of the interface errors of finite-difference simulations of seismic waves [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2014, Roč. 79, č. 4, 219- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2015 [1/12] / USA - Kostin, V., Lisitsa, V., Reshetova, G., Tcheverda, V. Local time-space mesh refinement for simulation of elastic wave propagation in multi-scale media [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2015, Roč. 281, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 669 - 689

2014 [1/12] / neurčené - Chung, E. T., Efendiev, Y., Leung, W. T. Generalized multiscale finite element methods for wave propagation in heterogeneous media In: Multiscale Modeling & Simulation, 2014, Roč. 12, č. 4. - SCIE ; SCO ; WOS CC, 1691 - 1721

2014 [1/12] / USA - Gibson, R. L. Jr., Gao, K., Chung, E., Efendiev, Y. Multiscale modeling of acoustic wave propagation in 2D media [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2014, Roč. 79, č. 2, 61- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2014 [1/12] / GBR - Liu, S., Li, X., Wang, W., Liu, Y. A mixed-grid finite element method with PML absorbing boundary conditions for seismic wave modelling [elektronický dokument] In: Journal of Geophysics and Engineering. Oxford: Oxford University Press, 2014, Roč. 11, č. 5, [tlačená forma] [online]. ISSN 1742-2132. ISSN (online) 1742-2140. - SCIE ; SCO ; WOS CC, Art. No. 055009

2014 [1/12] / NLD - Zhebel, E., Minisini, S., Kononov, A., Mulder, W. A. A comparison of continuous mass-lumped finite elements with finite differences for 3-D wave propagation [elektronický dokument] In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2014, Roč. 62, č. 5, [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCIE ; SCO ; WOS CC, 1111 - 1125

2015 [1/12] / neurčené - Kostin, V., Lisitsa, V., Reshetova, G., Tcheverda, V., Vishnevsky, D. Massively parallel hybrid algorithm for simulation of seismic wave propagation in complex media In: CEUR Workshop Proceedings, 2015, Roč. 1482. - SCO, 49 - 60

2015 [1/12] / GBR - Modave, A., St-Cyr, A., Mulder, W. A., Warburton, T. A nodal discontinuous Galerkin method for reverse-time migration on GPU clusters [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2015, Roč. 203, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 1419 - 1435

2016 [1/12] / GBR - Hasegawa, K., Geller, R. J., Hirabayashi, N. An error analysis of higher-order finite-element methods: effect of degenerate coupling on simulation of elastic wave propagation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 205, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1532 - 1547

2016 [1/12] / NLD - Chung, E. T., Leung, W. T. Mixed GMSFEM for the simulation of waves in highly heterogeneous media [elektronický dokument] In: Journal of Computational and Applied Mathematics. Amsterdam: Elsevier, 2016, Roč. 306, [tlačená forma] [online]. ISSN 0377-0427. ISSN (online) 1879-1778. - SCIE ; SCO ; WOS CC, 69 - 86

2019 [1/12] / GBR - Ren, Zhiming, Li, Zhenchun. High-order temporal and implicit spatial staggered-grid finite-difference operators for modelling seismic wave propagation [elektronický dokument]. DOI 10.1093/gji/ggz059 In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 217, č. 2, 844-865 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 844 - 865

2016 [1/12] / GBR - Wang, E., Liu, Y., Sen, M. K. Effective finite-difference modelling methods with 2-D acoustic wave equation using a combination of cross and rhombus stencils [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 206, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1933 - 1958

2017 [1/12] / GBR - Ma, X., Yang, D. H. A phase-preserving and low-dispersive symplectic partitioned Runge-Kutta method for solving seismic wave equations [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 209, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 1534 - 1557

2017 [1/12] / USA - Ren, Z. M., Li, Z. C. Temporal high-order staggered-grid finite-difference schemes for elastic wave propagation [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2017, Roč. 82, č. 5, 207- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC

2018 [1/12] / USA - Wang, E. J., Ba, J., Liu, Y. Time-space-domain implicit finite-difference methods for modeling acoustic wave equations [elektronický dokument] In: Geophysics: a journal of general and

applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2018, Roč. 83, č. 4, 175- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC, 175 - 193

2019 [1/12] / GBR - Martin, R., Bodet, L., Tournat, V., Rejiba, F. Seismic wave propagation in nonlinear viscoelastic media using the auxiliary differential equation method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 216, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 453 - 469

2019 [1/12] / USA - Pleshkevich, A., Vishnevskiy, D., Lisitsa, V. Sixth-order accurate pseudo-spectral method for solving one-way wave equation [elektronický dokument]. DOI 10.1016/j.amc.2019.04.029 In: Applied Mathematics and Computation. Amsterdam: Elsevier, 2019, Roč. 359, [tlačená forma] [online]. ISSN 0096-3003. ISSN (online) 1873-5649. - SCIE ; SCO ; WOS CC, 34 - 51

2019 [1/12] / CHE - Wang, E.J., Ba, J., Liu, Y. Temporal High-Order Time-Space Domain Finite-Difference Methods for Modeling 3D Acoustic Wave Equations on General Cuboid Grids [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2019, Roč. 176, č. 12, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 5391 - 5414

2020 [1/12] / CZE - Xu, S., Liu, Y. Modeling 3D acoustic-wave propagation using modified cuboid-based staggered-grid finite-difference methods with temporal and spatial high-order accuracy [elektronický dokument] In: Studia Geophysica et Geodaetica: a journal of geophysics, meteorology and climatology, geodesy. Praha: Akademie věd České republiky. Geofyzikální ústav AV ČR, 2020, Roč. 64, č. 4, [tlačená forma] [online]. ISSN 0039-3169. ISSN (online) 1573-1626. - SCIE ; WOS CC, 465 - 482

2021 [1/12] / CHE - Suo, M., Zhang, D., Yang, Y. Application of an Improved Ultrasound Full-Waveform Inversion in Bone Quantitative Measurement [elektronický dokument] In: Symmetry. Bazilej: Multidisciplinary Digital Publishing Institute, 2021, Roč. 13, č. 2, [online]. ISSN (online) 2073-8994. - SCIE ; SCO ; WOS CC, Art. No. 260

2017 [1/12] / GBR - Mulder, W. A., Huiskes, M. J. A simple finite-difference scheme for handling topography with the first-order wave equation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 210, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 482 - 499

2021 [1/12] / neurčené - He, X., Yang, D., Qiu, C., Zhou, Y., Chang, Y. A parallel weighted Runge-Kutta discontinuous galerkin method for solving acousitc wave equations in 3D D'Alembert media on unstructured meshes In: Acta Geophysica Sinica, 2021, Roč. 64, č. 3. ISSN 00015733. - SCIE ; SCO ; WOS CC, 876 - 895

2017 [1/12] / GBR - Yong, P., Huang, J., Li, Z., Liao, W., Qu, L., Li, Q., Liu, P. Optimized equivalent staggered-grid FD method for elastic wave modelling based on plane wave solutions [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 208, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 1157 - 1172

2019 [1/12] / GBR - Leng, K., Nissen-Meyer, T., van Driel, M., Hosseini, K., Al-Attar, D. AxiSEM3D: broad-band seismic wavefields in 3-D global earth models with undulating discontinuities [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 217, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 2125 - 2146

2016 [1/12] / NLD - Lisitsa, V. Dispersion analysis of discontinuous Galerkin method on triangular mesh for elastic wave equation [elektronický dokument] In: Applied Mathematical Modelling: simulation & computation for engineering & environmental systems. Amsterdam: Elsevier, 2016, Roč. 40, č. 7-8, [tlačená forma] [online]. ISSN 0307-904X. ISSN (online) 1872-8480. - SCIE ; WOS CC, 5077 - 5095

2020 [1/12] / neurčené - Tan, W., Wu, B., Li, B., Lei, J. Seismic wave simulation using a trapezoid grid pseudo-spectral method In: Shiyou Diqiu Wuli Kantan/Oil Geophysical Prospecting, 2020, Roč. 55, č. 6. - SCO, 1282 - 1291

2016 [1/12] / GBR - Mulder, W. A., Shamasundar, R. Performance of continuous mass-lumped tetrahedral elements for elastic wave propagation with and without global assembly [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 207, č. 1,

[tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 414 - 421

2016 [1/12] / neurčené - Zakian, P., Khaji, N. Spectral finite element simulation of seismic wave propagation and fault dislocation in elastic media In: Asian Journal of Civil Engineering, 2016, Roč. 17, č. 8. - SCO, 1189 - 1213

2017 [1/12] / neurčené - Igel, H. Computational Seismology: A Practical Introduction In: Computational Seismology: A Practical Introduction New York : Oxford Univ Press, 2017, 2017. - BKCI-S ; WOS CC, 1 - 323

2017 [1/12] / GBR - Pageot, D., Leparoux, D., Le Feuvre, M., Durand, O., Cote, P., Capdeville, Y. Improving the seismic small-scale modelling by comparison with numerical methods [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 211, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 637 - 649

2017 [1/12] / USA - Ren, Z., Li, Z., Liu, Y., Sen, M. K. Modeling of the Acoustic Wave Equation by Staggered-Grid Finite-Difference Schemes with High-Order Temporal and Spatial Accuracy [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2017, Roč. 107, č. 5, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2160 - 2182

2018 [1/12] / neurčené - Cai, X., Liu, Y., Ren, Z. Acoustic reverse-time migration using GPU card and POSIX thread based on the adaptive optimal finite-difference scheme and the hybrid absorbing boundary condition In: Computers and Geosciences, 2018, Roč. 115. - SCO, 42 - 55

2018 [1/12] / neurčené - Gao, K., Fu, S., Chung, E. T. A high-order multiscale finite-element method for time-domain acoustic-wave modeling In: Journal of Computational Physics, 2018, Roč. 360. - SCO, 120 - 136

2018 [1/12] / USA - Ren, Z., Li, Z., Liu, Y., Sen, M. K. Modeling of the acoustic wave equation by staggered-grid finite-difference schemes with high-order temporal and spatial accuracy [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2018, Roč. 107, č. 5, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCO, 2160 - 2182

2018 [1/12] / neurčené - Zhang, X., Zhang, D., Chen, Q., Yang, Y. Second-order scalar wave field modeling with a first-order perfectly matched layer [elektronický dokument] In: Solid Earth: an Interactive Open-access Journal of the European Geosciences Union, 2018, Roč. 9, č. 6, [tlačená forma]. ISSN 1869-9510. ISSN (online) 1869-9529. - SCO, 1277 - 1298

2019 [1/12] / NLD - Fu, S., Gao, K., Chung, E. T. A high-order multiscale finite-element method for time-domain elastic wave modeling in strongly heterogeneous media [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2019, Roč. 170, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCO, Art. No. 103852

2019 [1/12] / DEU - Fu, S., Gao, K., Gibson, R. L., Chung, E. T. An efficient high-order multiscale finite element method for frequency-domain elastic wave modeling [elektronický dokument] In: Computational Geosciences: Modeling, Simulation and Data Analysis. Berlín: Springer Nature. Springer International Publishing AG, 2019, Roč. 23, č. 5, [tlačená forma] [online]. ISSN 1420-0597. ISSN (online) 1573-1499. - SCO, 997 - 1010

2019 [1/12] / USA - Rodgers, A. J., Pitarka, A., Anders Petersson, N., Sjogreen, B., McCallen, D. B., Abrahamson, N. Broadband (0-5 Hz) fully deterministic 3D ground-motion simulations of a magnitude 7.0 Hayward fault earthquake: Comparison with empirical ground-motion models and 3D path and site effects from source normalized intensities [elektronický dokument] In: Seismological Research Letters. Albany: Seismological Society of America, 2019, Roč. 90, č. 3, [tlačená forma] [online]. ISSN 0895-0695. ISSN (online) 1938-2057. - SCO, 1268 - 1284

2019 [1/12] / NLD - Xu, S., Liu, Y. Modeling 3D elastic VTI wave propagation using an optimal k-space operator-based temporal high-accuracy staggered-grid finite-difference scheme [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2019, Roč. 170, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCO, Art. No. 103847

2020 [1/12] / USA - Lyu, C., Capdeville, Y., Zhao, L. Efficiency of the spectral element method with very high polynomial degree to solve the elastic wave equation [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2020, Roč. 85, č. 1, [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC, 33 - 43

2020 [1/12] / GBR - Modave, A., St-Cyr, A., Mulder, W. A., Warburton, T. A nodal discontinuous Galerkin method for reverse-time migration on GPU clusters [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2020, Roč. 203, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO, 1419 - 1435

2020 [1/12] / neurčené - Pageot, D., Le Feuvre, M., Leparoux, D., Cote, P., Capdeville, Y. Assessment of physical properties of a sea dike using multichannel analysis of surface waves and 3D forward modeling In: Journal of Applied Geophysics, č. 172, 2020, 2020. - SCIE ; SCO ; WOS CC, Art. No. 103841

2022 [1/20] / NLD - Chen, Guiting, Peng, Zhenming, Li, Yalin. A framework for automatically choosing the optimal parameters of finite-difference scheme in the acoustic wave modeling [elektronický dokument]. DOI 10.1016/j.cageo.2021.104948 In: Computers & Geosciences. Amsterdam: Elsevier, 2022, č. 159, art. no. 104948 [tlačená forma] [online]. ISSN 0098-3004. ISSN (online) 1873-7803. - SCO ; SCIE ; CCC ; WOS CC, art. no. 104948

2022 [1/20] / USA - Zhou, Hongyu, Liu, Yang, Wang, Jing. Time-space domain scalar wave modeling by a novel hybrid staggered-grid finite-difference method with high temporal and spatial accuracies [elektronický dokument]. DOI 10.1016/j.jcp.2022.111004 In: Journal of Computational Physics. San Diego : American Academic Press, 2022, č. 455, art. no. 111004 [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCO ; SCIE ; CCC ; WOS CC, art. no. 111004

2022 [1/20] / USA - He, Xijun, Yang, Dinghui, Qiu, Chujun, Zhou, Yanjie, Ma, Xiao. An Efficient Discontinuous Galerkin Method Using a Tetrahedral Mesh for 3D Seismic Wave Modeling [elektronický dokument]. DOI 10.1785/0120210229 In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2022, Roč. 112, č. 3, s. 1197-1223 [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCO ; SCIE ; CCC ; WOS CC, 1197 - 1223

2023 [1/20] / CHN - He, Xi Jun, Li, Jing Shuang, Huang, Xue Yuan, Zhou, Yan Jie. Solving elastic wave equations in 2D transversely isotropic media by a weighted Runge-Kutta discontinuous Galerkin method [elektronický dokument]. DOI 10.1016/j.petsci.2022.10.007 In: Petroleum Science. Peking: KEAI publishing, 2023, Roč. 20, č. 2, s. 827-839 [tlačená forma] [online]. ISSN 16725107. ISSN (online) 19958226. - SCO ; SCIE ; WOS CC, 827 - 839

2023 [1/20] / USA - He, Xijun, Yang, Dinghui, Huang, Jiandong, Huang, Xueyuan. Modeling 3-D Elastic Wave Propagation in TI Media Using Discontinuous Galerkin Method on Tetrahedral Meshes [elektronický dokument]. DOI 10.1109/TGRS.2023.3247540 In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2023, Roč. 61, art. no. 5904514, s. [1-14] [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCO ; SCIE ; CCC ; WOS CC, 1 - 14

2023 [1/20] / CHE - Zhang, Chunlin, Fan, Liyong, Chen, Guiting, Zeng, Xu. Efficient temporal high-order staggered-grid scheme with a dispersion-relation-preserving method for the scalar wave modeling. DOI 10.3389/feart.2023.1141220 In: Frontiers in Earth Science. Lausanne: Frontiers Media, 2023, Roč. 11, art. no. 1141220 [online]. ISSN 2296-6463. - SCO ; SCIE ; CCC ; WOS CC, 1 - 15

2022 [1/20] / USA - Zhou, Hongyu, Liu, Yang, Wang, Jing. Elastic Wave Modeling with High-Order Temporal and Spatial Accuracies by a Selectively Modified and Linearly Optimized Staggered-Grid Finite-Difference Scheme [elektronický dokument]. DOI 10.1109/TGRS.2021.3078626 In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2022, č. 60, art. no. 3000122 [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCO ; SCIE ; CCC ; WOS CC, art. no. 3000122

2023 [1/20] / NLD - Belousov, D., Lisitsa, V. Mimetic finite differences for boundaries misaligned with grid nodes [elektronický dokument] In: Journal of Computational and Applied Mathematics. Amsterdam: Elsevier, 2023, Roč. 428, [tlačená forma] [online]. ISSN 0377-0427. ISSN (online) 1879-1778. - SCIE ; SCO ; WOS CC, art. no. 115185

2021 [1/12] / neurčené - Hu, Z., Liu, W., Yong, X., Wang, X., Han, L., Tian, Y. Mixed-grid finite-difference method for numerical simulation of 3D wave equation in the time-space domain In: Acta Geophysica Sinica, 2021, Roč. 64, č. 8. ISSN 00015733. - SCIE ; SCO ; WOS CC, 2809 - 2828

2022 [1/20] / CHE - Liu, W., Hu, Z., Yong, X., Peng, G., Xu, Z., Han, L. Wave Equation Numerical Simulation and RTM With Mixed Staggered-Grid Finite-Difference Schemes In: Frontiers in Earth Science. Lausanne: Frontiers Media, 2022, Roč. 10, [online]. ISSN 2296-6463. - SCIE ; SCO ; WOS CC, art. no. 873541

2021 [1/12] / USA - Xu, S., Bao, Q., Ren, Z., Liu, Y. Applying an advanced temporal and spatial high-order finite-difference stencil to 3D seismic wave modeling [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2021, Roč. 436, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, Art. No. 110133

2022 [1/20] / CHE - Reshetova, G., Koynov, V. Parallel Implementation of the Seismic Sources Recovery in Randomly Heterogeneous Media In: 8th Russian Supercomputing Days on Supercomputing. Cham: Springer Nature, 2022, s. 262-275 [tlačená forma] [online]. ISBN 9783031229404. - SCO, 262 - 275

2022 [1/20] / USA - Favretto-Cristini, N., Wang, F., Cristini, P., Garlan, T., Morio, O., Mercerat, E. D., Monteiller, V., Deschamps, A., Beucier, E. Assessment of Risks Induced by Countermining Unexploded Large-Charge Historical Ordnance in a Shallow Water Environment-Part II: Modeling of Seismo-Acoustic Wave Propagation [elektronický dokument] In: IEEE Journal of Oceanic Engineering. Piscataway: Institute of Electrical and Electronics Engineers, 2022, Roč. 47, č. 2, [tlačená forma] [online]. ISSN 0364-9059. ISSN (online) 1558-1691. - SCIE ; SCO ; WOS CC, 374 - 398

2022 [1/20] / GBR - Di Michele, F., May, J., Pera, D., Kastelic, V., Carafa, M., Smerzini, C., Mazzieri, I., Rubino, B., Antonietti, P. F., Quarteroni, A., Aloisio, R., Marcati, P. Spectral element numerical simulation of the 2009 L'Aquila earthquake on a detailed reconstructed domain [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2022, Roč. 230, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 29 - 49

2021 [1/20] / CHE - Reshetova, G., Cheverda, V., Koinov, V. Comparative Efficiency Analysis of MPI Blocking and Non-blocking Communications with Coarray Fortran In: 7th Russian Supercomputing Days Conference: (RuSCDays 2021). Cham: Springer Nature, 2021, [tlačená forma] [online]. ISBN 9783030928636. - SCO, 322 - 336

2022 [1/20] / NLD - Aldirany, Z., Cotteneau, R., Laforest, M., Prudhomme, S. Optimal error analysis of the spectral element method for the 2D homogeneous wave equation [elektronický dokument] In: Computers and Mathematics with Applications: An International Journal. Amsterdam: Elsevier, 2022, č. 119, s. 241-256 [tlačená forma] [online]. ISSN 0898-1221. ISSN (online) 1873-7668. - SCIE ; SCO ; WOS CC, 241 - 256

2023 [1/20] / USA - Petukhin, A., Iwasaki, Y. Validation of the Osaka basin velocity model by waveform simulation using sources inverted with reciprocal Green's functions [elektronický dokument] In: Earth, Planets and Space. New York: Springer Nature, 2023, Roč. 75, č. 1, [tlačená forma] [online]. ISSN 1343-8832. ISSN (online) 1880-5981. - SCIE ; SCO ; WOS CC, art. no. 69

2024 [1/20] / USA - Ensminger, Dale, Bond, Leonard J. Ultrasonics [textový dokument (print)] [elektronický dokument] : Fundamentals, Technologies, and Applications. Boca Raton: Taylor & Francis Group. CRC Press, 2024. 4. vyd. ISBN 9780367252816. ISBN 9781000994957. DOI 10.1201/9780429286964. - SCO, 1 - 875

2023 [1/20] / USA - Sun, Xiaodong, Daniel, Ssegujja, Li, Aowei, Zhao, Liang, Xue, Pengjie. Least-squares RTM in nonorthogonal coordinates and applications to VTI media [elektronický dokument]. DOI 10.1007/s11770-023-1069-0 In: Applied Geophysics. New York: Springer Nature, 2023, Roč. 20, č. 3, s. 291-298 [tlačená forma] [online]. ISSN 16727975. ISSN (online) 19930658. - SCO ; WOS CC ; SCIE, 291 - 298

2024 [1/20] / USA - Yan, Hongyong, Xu, Teng. Suppressing spatial dispersion of seismic finite-difference modeling with the improved pix2pix algorithm [elektronický dokument]. DOI 10.1016/j.jcp.2024.113129 In: Journal of Computational Physics. San Diego : American Academic Press, 2024, č. 511, art. no. 113129 [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCO ; WOS CC ; CCC ; SCIE, art. no. 113129

2024 [1/20] / NLD - Kim, Boyoung, Kang, Jun Won. Time domain modeling of elastic waves using a stress-based unsplit-field perfectly matched layer with enhanced numerical stability [elektronický dokument]. DOI 10.1016/j.apm.2023.12.025 In: Applied Mathematical Modelling: simulation & computation for engineering & environmental systems. Amsterdam: Elsevier, 2024, č. 128, s. 431-449 [tlačená forma] [online]. ISSN 0307-904X. ISSN (online) 1872-8480. - SCO ; WOS CC ; SCIE ; CCC, 431 - 449

2024 [1/20] / CHE - Tong, Xiaozhong, Sun, Ya. A Hybrid Chebyshev Pseudo-Spectral Finite-Difference Time-Domain Method for Numerical Simulation of 2D Acoustic Wave Propagation [elektronický dokument]. DOI 10.3390/math12010117 In: Mathematics. Bazilej: Multidisciplinary Digital Publishing Institute, 2024, Roč. 12, č. 1, art. no. 117 [online]. ISSN (online) 2227-7390. - SCO ; WOS CC ; CCC ; SCIE, art. no. 117

2024 [1/20] / DEU - Muhammed, Hussein, Zhenchun, Li, Mula, A. H.G. Exploring the pre-stack LSRTM methods: wavefield solutions in the pseudodepth domain [elektronický dokument]. DOI 10.1007/s40808-023-01880-6 In: Modeling earth systems and environment. Heidelberg: Springer Nature. Springer, 2024, Roč. 10, č. 2, s. 2187-2199 [tlačená forma] [online]. ISSN 2363-6203. ISSN (online) 2363-6211. - SCO ; WOS CC ; ESCI, 2187 - 2199

2023 [1/20] / SGP - Antonietti, Paola F., Cauzzi, Carlo, Mazzieri, Ilario, Melas, Laura, Stupazzini, Marco. Numerical Simulation of the Athens 1999 Earthquake Including Simplified Models of the Acropolis and the Parthenon [elektronický dokument]: Initial Results and Outlook. DOI 10.1007/978-981-99-3679-3_2 In: Mathematical Modeling in Cultural Heritage. Singapur: Springer Nature. Springer, 2023, s. 11-30 [tlačená forma] [online]. ISBN 978-981-99-3681-6. ISBN 978-981-99-3678-6. ISBN (online) 978-981-99-3679-3. - SCO, 11 - 30

ADC_021 / Gális, Martin (Autor) [Výskumný pracovník - výskumník] [UKOMFKAFZM] (34%) - Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (27%) - Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (22%) - Kristeková, Miriam (Autor) (17%): An adaptive smoothing algorithm in the TSN modelling of rupture propagation with the linear slip-weakening friction law. – text. – DOI 10.1111/j.1365-246X.2009.04427.x. – SCO ; WOS CC ; SCIE ; CCC

In: *Geophysical Journal International* [textový dokument (print)] [elektronický dokument] . – Oxford (Veľká Británia) : Oxford University Press. – ISSN 0956-540X. – ISSN (online) 1365-246X. – Roč. 180, č. 1 (2010), s. 418-432 [tlačená forma] [online]

Počet všetkých autorov: 4

[článok]

Lit.: 49

[OV 092 Vedy o Zemi a vesmíre]

Ohlasy (8):

2010 [1/12] / USA - Bizzarri, A. How to promote earthquake ruptures: Different nucleation strategies in a dynamic model with slip-weakening friction [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2010, Roč. 100, č. 3, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 923 - 940

2011 [1/12] / USA - Yin, J., Kato, N., Miyatake, T., Hirahara, K., Hori, T., Hyodo, M. Assessment of the finite element solutions for 3D spontaneous rupture using Geofem [elektronický dokument] In: Earth, Planets and Space. New York: Springer Nature, 2011, Roč. 63, č. 11, [tlačená forma] [online]. ISSN 1343-8832. ISSN (online) 1880-5981. - SCIE ; SCO ; WOS CC, 1119 - 1131

2012 [1/12] / neurčené - Pelties, C., De La Puente, J., Ampuero, J. P., Brietzke, G. B., Kaser, M. Three-dimensional dynamic rupture simulation with a high-order discontinuous Galerkin method on unstructured tetrahedral meshes In: Journal of Geophysical Research B, 2012, Roč. 117, č. 2. - SCIE ; SCO ; WOS CC, Art. No. B02309

2012 [1/12] / USA - Yin, J., Kato, N., Miyatake, T., Hirahara, K., Hori, T., Hyodo, M. Assessment of the finite element solutions for 3D spontaneous rupture using GeoFEM [elektronický dokument] In: Earth, Planets and Space. New York: Springer Nature, 2012, Roč. 63, č. 11, [tlačená forma] [online]. ISSN 1343-8832. ISSN (online) 1880-5981. - SCIE ; SCO ; WOS CC, 1119 - 1131

2013 [1/12] / NLD - Yousefi, H., Noorzad, A., Farjoodi, J. Multiresolution based adaptive schemes for second order hyperbolic PDEs in elastodynamic problems [elektronický dokument] In: Applied

Mathematical Modelling: simulation & computation for engineering & environmental systems. Amsterdam: Elsevier, 2013, Roč. 37, č. 12-13, [tlačená forma] [online]. ISSN 0307-904X. ISSN (online) 1872-8480. - SCIE ; SCO ; WOS CC, 7095 - 7127

2014 [1/12] / GBR - Zhang, Z., Zhang, W., Chen, X. Three-dimensional curved grid finite-difference modelling for non-planar rupture dynamics [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2014, Roč. 199, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 860 - 879

2015 [1/12] / GBR - Zhou, H., Jiang, H. A new time-marching scheme that suppresses spurious oscillations in the dynamic rupture problem of the spectral element method: the weighted velocity Newmark scheme [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2015, Roč. 203, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 927 - 942

2019 [1/12] / neurčené - Yousefi, H., Farjoodi, J., Mahmoudzadeh Kani, I. Adaptive simulation of wave propagation problems including dislocation sources and random media In: Frontiers Of Structural And Civil Engineering, 2019, Roč. 13, č. 5. - SCIE ; SCO ; WOS CC, 1054 - 1081

ADC_022 / Chaljub, Emmanuel (Autor) (10.833%) - Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (20%) - Tsuno, Seiji (Autor) (10.833%) - Bard, Pierre-Yves (Autor) (10.834%) - Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (15%) - Käser, Martin (Autor) (10.833%) - Stupazzini, Marco (Autor) (10.834%) - Kristeková, Miriam (Autor) (10.833%): Quantitative comparison of four numerical predictions of 3D ground motion in the Grenoble Valley, France. – text. – DOI 10.1785/0120090052. – SCO ; WOS CC ; SCIE ; CCC

In: *Bulletin of the Seismological Society of America* [textový dokument (print)] [elektronický dokument] . – ElCerrito (USA) : Seismological Society of America. – ISSN 0037-1106. – ISSN (online) 1943-3573. – Roč. 100, č. 4 (2010), s. 1427-1455 [tlačená forma] [online]

Počet všetkých autorov: 8

[článok]

Lit.: 65

[OV 092 Vedy o Zemi a vesmíre]

Ohlasy (101):

2010 [1/12] / neurčené - Rodgers, A. J., Petersson, N. A., Sjogreen, B. Simulation of topographic effects on seismic waves from shallow explosions near the North Korean nuclear test site with emphasis on shear wave generation In: Journal of Geophysical Research B, 2010, Roč. 115, č. 11. - SCIE ; SCO ; WOS CC, Art. No. B11309

2011 [1/12] / USA - de Martin, F. Verification of a spectral-element method code for the southern California Earthquake Center LOH.3 viscoelastic case [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2011, Roč. 101, č. 6, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2855 - 2865

2011 [1/12] / GBR - Peter, D., Komatitsch, D., Luo, Y., Martin, R., Le Goff, N., Casarotti, E., Le Loher, P., Magnoni, F., Liu, Q. Y., Blitz, C., Nissen-Meyer, T., Basini, P., Tromp, J. Forward and adjoint simulations of seismic wave propagation on fully unstructured hexahedral meshes [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2011, Roč. 186, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 721 - 739

2012 [1/12] / GBR - Cupillard, P., Delavaud, E., Burgos, G., Festa, G., Vilotte, J. P., Capdeville, Y., Montagner, J. P. RegSEM: A versatile code based on the spectral element method to compute seismic wave propagation at the regional scale [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2012, Roč. 188, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1203 - 1220

2012 [1/12] / GBR - Delepine, N., Semblat, J. F. Site effects in an alpine valley with strong velocity gradient: Interest and limitations of the 'classical' BEM [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2012, Roč. 38, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 15 - 24

2012 [1/12] / GBR - Le Roux, O., Cornou, C., Jongmans, D., Schwartz, S. 1-D and 2-D resonances in an

Alpine valley identified from ambient noise measurements and 3-D modelling [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2012, Roč. 191, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 579 - 590

2012 [1/12] / neurčené - Maufroy, E., Cruz-Atienza, V. M., Gaffet, S. A robust method for assessing 3-D topographic site effects: A case study at the LSBB underground laboratory, France In: Earthquake Spectra, 2012, Roč. 28, č. 3. - SCIE ; SCO ; WOS CC, 1097 - 1115

2012 [1/12] / USA - Shani-Kadmiel, S., Tsesarsky, M., Louie, J. N., Gvirtzman, Z. Simulation of seismic-wave propagation through geometrically complex basins: The Dead Sea basin [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2012, Roč. 102, č. 4, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1729 - 1739

2014 [1/12] / GBR - Peyrusse, F., Glinsky, N., Gelis, C., Lanteri, S. A nodal discontinuous Galerkin method for site effects assessment in viscoelastic media-verification and validation in the Nice basin [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2014, Roč. 199, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 315 - 334

2012 [1/12] / GBR - Zhang, W., Zhang, Z., Chen, X. Three-dimensional elastic wave numerical modelling in the presence of surface topography by a collocated-grid finite-difference method on curvilinear grids [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2012, Roč. 190, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 358 - 378

2014 [1/12] / USA - Magnoni, F., Casarotti, E., Michelini, A., Piersanti, A., Komatitsch, D., Peter, D., Tromp, J. Spectral-Element Simulations of Seismic Waves Generated by the 2009 L'Aquila Earthquake [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2014, Roč. 104, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 73 - 94

2014 [1/12] / USA - De la Puente, J., Ferrer, M., Hanzich, M., Castillo, J. E., Cela, J. M. Mimetic seismic wave modeling including topography on deformed staggered grids [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2014, Roč. 79, č. 3, 125- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2013 [1/12] / CHE - Aochi, H., Ducellier, A., Dupros, F., Delatre, M., Ulrich, T., de Martin, F., Yoshimi, M. Finite difference simulations of seismic wave propagation for the 2007 Mw 6.6 Niigata-ken Chuetsu-Oki earthquake: Validity of models and reliable input ground motion in the near-field [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2013, Roč. 170, č. 1-2, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 43 - 64

2013 [1/12] / USA - Taborda, R., Bielak, J. Ground-motion simulation and validation of the 2008 chino Hills, California, earthquake [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2013, Roč. 103, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 131 - 156

2012 [1/12] / USA - Smerzini, C., Villani, M. Broadband numerical simulations in complex near-field geological configurations: The case of the 2009 Mw 6.3 L'Aquila earthquake [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2012, Roč. 102, č. 6, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2436 - 2451

2013 [1/12] / neurčené - Aochi, H., Ulrich, T., Ducellier, A., Dupros, F., Mischea, D. Finite difference simulations of seismic wave propagation for understanding earthquake physics and predicting ground motions: Advances and challenges In: Journal of Physics: Conference Series, 2013, Roč. 454, č. 1. - CPCI-S ; SCO ; WOS CC, Art. No. 012010

2013 [1/12] / USA - De Martin, F., Matsushima, S., Kawase, H. Impact of geometric effects on near-surface Green's functions [elektronický dokument] In: Bulletin of the Seismological Society of

America. ElCerrito: Seismological Society of America, 2013, Roč. 103, č. 6, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 3289 - 3304

2013 [1/12] / GBR - Gao, Y., Zhang, N. Scattering of cylindrical sh waves induced by a symmetrical v-shaped canyon: Near-source topographic effects [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2013, Roč. 193, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 874 - 885

2013 [1/12] / NLD - Kremers, S., Wassermann, J., Meier, K., Pelties, C., van Driel, M., Vasseur, J., Hort, M. Inverting the source mechanism of Strombolian explosions at Mt. Yasur, Vanuatu, using a multi-parameter dataset [elektronický dokument] In: Journal of Volcanology and Geothermal Research: an International Journal on the Geophysical, Geochemical, Petrological, Economic and Environmental Aspects of Volcanology and Geothermal Research. Amsterdam: Elsevier, 2013, Roč. 262, [tlačená forma] [online]. ISSN 0377-0273. ISSN (online) 1872-6097. - SCIE ; SCO ; WOS CC, 104 - 122

2013 [1/12] / neurčené - Lee, J. Earthquake site effect modeling in the Granada basin using a 3-D indirect boundary element method In: Physics and Chemistry of the Earth, 2013, Roč. 63. ISSN 1464-7065. - SCIE ; SCO ; WOS CC, 102 - 115

2013 [1/12] / neurčené - Puglia, R., Vona, M., Klin, P., Ladina, C., Masi, A., Priolo, E., Silvestri, F. Analysis of site response and building damage distribution induced by the 31 October 2002 earthquake at San Giuliano di Puglia (Italy) In: Earthquake Spectra, 2013, Roč. 29, č. 2. - SCIE ; SCO ; WOS CC, 497 - 526

2014 [1/12] / neurčené - Favretto-Cristini, N., Tantsereva, A., Cristini, P., Ursin, B., Komatitsch, D., Aizenberg, A.M. Numerical modeling of zero-offset laboratory data in a strong topographic environment: results for a spectral-element method and a discretized Kirchhoff integral method [elektronický dokument] In: Earthquake Science, 2014, Roč. 27, č. 4. ISSN 16744519. ISSN (online) 18678777. - ESCI ; SCO ; WOS CC, 391 - 399

2014 [1/12] / USA - Maufroy, E., Gaffet, S., Operto, S., Guglielmi, Y., Boyer, D. Travel time inversion from ground level to gallery: protocol for the characterization of P-wave seismic signature in a fractured-porous Urganian platform at hectometric scale [elektronický dokument] In: Near Surface Geophysics. Hoboken: Wiley, 2014, Roč. 12, č. 6, [tlačená forma] [online]. ISSN 1569-4445. ISSN (online) 1873-0604. - SCIE ; SCO ; WOS CC, 697 - 708

2014 [1/12] / GBR - Salloum, N., Jongmans, D., Cornou, C., Massih, D. Y. A., Chehade, F. H., Voisin, C., Mariscal, A. The shear wave velocity structure of the heterogeneous alluvial plain of Beirut (Lebanon): combined analysis of geophysical and geotechnical data [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2014, Roč. 199, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 894 - 913

2015 [1/12] / GBR - Paolucci, R., Mazzieri, I., Smerzini, C. Anatomy of strong ground motion: near-source records and three-dimensional physics-based numerical simulations of the M-w 6.0 2012 May 29 Po Plain earthquake, Italy [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2015, Roč. 203, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 2001 - 2020

2017 [1/12] / GBR - Ferroni, A., Antonietti, P. F., Mazzieri, I., Quarteroni, A. Dispersion-dissipation analysis of 3-D continuous and discontinuous spectral element methods for the elastodynamics equation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 211, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1554 - 1574

2017 [1/12] / neurčené - Igel, H. Computational Seismology: A Practical Introduction. BKCI-S Book Citation Index - Science N/A In: Computational Seismology: A Practical Introduction. New York: Oxford Univ Press, 2017. - WOS CC, 1 - 323

2015 [1/12] / NLD - Narayan, J. P., Kumar, V. A numerical study of effects of ridge-weathering and ridge-shape-ratio on the ground motion characteristics [elektronický dokument] In: Journal of Seismology. Dordrecht: Springer Nature, 2015, Roč. 19, č. 1, [tlačená forma] [online]. ISSN 1383-4649. ISSN (online) 1573-157X. - SCIE ; SCO ; WOS CC, 83 - 104

2015 [1/12] / USA - Narayan, J. P., Kumar, D., Sahar, D. Effects of complex interaction of Rayleigh waves with tunnel on the free surface ground motion and the strain across the tunnel-lining [elektronický dokument] In: Natural Hazards. New York: Springer Nature. Springer, 2015, Roč. 79, č. 1, [tlačená forma] [online]. ISSN 0921-030X. ISSN (online) 1573-0840. - SCIE ; SCO ; WOS CC, 479 - 495

2015 [1/12] / HRV - Narayan, J. P., Kamal. Quantification of effects of geometry of sediment bedrock interface on ground motion in 3D basin with circular free surface [elektronický dokument] In: Geofizika. Zagreb: Geofizički zavod, 2015, Roč. 32, č. 1, [tlačená forma] [online]. ISSN 0352-3659. ISSN (online) 1846-6346. - SCIE ; SCO ; WOS CC, 1 - 25

2015 [1/12] / USA - Sahar, D., Narayan, J. P., Kumar, N. Study of role of basin shape in the site-city interaction effects on the ground motion characteristics [elektronický dokument] In: Natural Hazards. New York: Springer Nature. Springer, 2015, Roč. 75, č. 2, [tlačená forma] [online]. ISSN 0921-030X. ISSN (online) 1573-0840. - SCIE ; SCO ; WOS CC, 1167 - 1186

2016 [1/12] / USA - Sahar, D., Narayan, J. P. Quantification of modification of ground motion due to urbanization in a 3D basin using viscoelastic finite-difference modelling [elektronický dokument] In: Natural Hazards. New York: Springer Nature. Springer, 2016, Roč. 81, č. 2, [tlačená forma] [online]. ISSN 0921-030X. ISSN (online) 1573-0840. - SCIE ; SCO ; WOS CC, 779 - 806

2016 [1/12] / NLD - Abraham, J. R., Smerzini, C., Paolucci, R., Lai, C. G. Numerical study on basin-edge effects in the seismic response of the Gubbio valley, Central Italy [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2016, Roč. 14, č. 6, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 1437 - 1459

2017 [1/12] / USA - Madiar, C. – Facciorusso, J. – Gargini, E. Numerical Modeling of Seismic Site Effects in a Shallow Alluvial Basin of the Northern Apennines (Italy) [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2017, Roč. 107, č. 5, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2094 - 2105

2016 [1/12] / GBR - Taborda, R., Azizzadeh-Roodpish, S., Khoshnevis, N., Cheng, K. Evaluation of the southern California seismic velocity models through simulation of recorded events [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 205, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1342 - 1364

2018 [1/12] / USA - Khoshnevis, N., Taborda, R. Prioritizing Ground-Motion Validation Metrics Using Semisupervised and Supervised Learning [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2018, Roč. 108, č. 4, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; WOS CC, 2248 - 2264

2017 [1/12] / NLD - Smerzini, C., Pitilakis, K., Hashemi, K. Evaluation of earthquake ground motion and site effects in the Thessaloniki urban area by 3D finite-fault numerical simulations [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2017, Roč. 15, č. 3, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 787 - 812

2015 [1/12] / neurčené - Chang, K. H., Tsaur, D. H., Wang, J. H. Response of a shallow asymmetric V-shaped canyon to antiplane elastic waves In: Proceedings of the Royal Society A-Mathematical Physical and Engineering Sciences, 2015, Roč. 471, č. 2174. - SCIE ; SCO ; WOS CC, Art. No. 20140215

2015 [1/12] / USA - Maufroy, E., Cruz-Atienza, V. M., Cotton, F., Gaffet, S. Frequency-Scaled Curvature as a Proxy for Topographic Site-Effect Amplification and Ground-Motion Variability [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2015, Roč. 105, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 354 - 367

2015 [1/12] / USA - Molinari, I., Argnani, A., Morelli, A., Basini, P. Development and Testing of a 3D Seismic Velocity Model of the Po Plain Sedimentary Basin, Italy [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2015, Roč. 105, č. 2,

[tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 753 - 764

2015 [1/12] / NLD - Raptakis, D., Makra, K. Multiple estimates of soil structure at a vertical strong motion array: Understanding uncertainties from different shear wave velocity profiles [elektronický dokument] In: Engineering Geology: An International Journal. Amsterdam: Elsevier, 2015, Roč. 192, [tlačená forma] [online]. ISSN 0013-7952. ISSN (online) 1872-6917. - SCIE ; SCO ; WOS CC, 1 - 18

2015 [1/12] / neurčené - Zhang, N., Gao, Y., Yang, J., Xu, C. An analytical solution to the scattering of cylindrical SH waves by a partially filled semi-circular alluvial valley: near-source site effects In: Earthquake Engineering and Engineering Vibration, 2015, Roč. 14, č. 2. - SCIE ; SCO ; WOS CC, 189 - 201

2016 [1/12] / neurčené - Cultrera, G., D'Alema, E., Amoros, S., Angioni, B., Bordoni, P., Cantore, L., Cara, F., Caserta, A., Coglianò, R., D'Amico, M., Di Giulio, G., Di Naccio, D., Famiani, D., Felicetta, C., Fodarella, A., Lovati, S., Luzi, L., Mascandola, C., Massa, M., Mercuri, A., Milana, G., Pacor, F., Pischiutta, M., Pucillo, S., Puglia, R., Ricci, G., Tarabusi, G., Vassallo, M. Site effect studies following the 2016 Mw 6.0 Amatrice Earthquake (Italy): the Emersito Task Force activities In: Annals of Geophysics, 2016, Roč. 59. - SCIE ; SCO ; WOS CC, Art. No. 7189

2016 [1/12] / GBR - Di Giulio, G., de Nardis, R., Boncio, P., Milana, G., Rosatelli, G., Stoppa, F., Lavecchia, G. Seismic response of a deep continental basin including velocity inversion: the Sulmona intramontane basin (Central Apennines, Italy) [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 204, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 418 - 439

2016 [1/12] / neurčené - Lin, D., Cui, T., Leng, W., Zhang, L. An efficient parallel spectral element scheme for solving seismic wave equation In: Jisuanji Yanjiu yu Fazhan/Computer Research and Development, 2016, Roč. 53, č. 5. - SCO, 1147 - 1155

2016 [1/12] / GBR - Liu, Z., Liang, J., Huang, Y., Liu, L. IBIEM modelling of the amplification of seismic waves by a three-dimensional layered alluvial basin [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 204, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 999 - 1023

2017 [1/12] / NLD - Berbellini, A., Morelli, A., Ferreira, A. M. G. Crustal structure of northern Italy from the ellipticity of Rayleigh waves [elektronický dokument] In: Physics of the Earth and Planetary Interiors: a journal devoted to observational and experimental studies of the earth and planetary interiors and their theoretical interpretation by the physical sciences. Amsterdam: Elsevier, 2017, Roč. 265, [tlačená forma] [online]. ISSN 0031-9201. ISSN (online) 1872-7395. - SCIE ; SCO ; WOS CC, 1 - 14

2017 [1/12] / CHE - Berge-Thierry, C. – Hollender, F. – Guyonnet-Benaize, C. – Baumont, D. – Ameri, G. – Bollinger, L. Challenges Ahead for Nuclear Facility Site-Specific Seismic Hazard Assessment in France: The Alternative Energies and the Atomic Energy Commission (CEA) Vision [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazel: Springer Nature. Springer International Publishing AG, 2017, Roč. 174, č. 9, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 3609 - 3633

2017 [1/12] / neurčené - Civico, R., Sapia, V., Di Giulio, G., Villani, F., Pucci, S., Baccheschi, P., Amoroso, S., Cantore, L., Di Naccio, D., Hailemichael, S., Smedile, A., Vassallo, M., Marchetti, M., Pantosti, D. Geometry and evolution of a fault-controlled Quaternary basin by means of TDEM and single-station ambient vibration surveys: The example of the 2009 L'Aquila earthquake area, central Italy In: Journal of Geophysical Research-Solid Earth, 2017, Roč. 122, č. 3. - SCIE ; SCO ; WOS CC, 2236 - 2259

2017 [1/12] / GBR - Li, J.S., Yang, D.H., Wu, H., Ma, X. A low-dispersive method using the high-order stereo-modelling operator for solving 2-D wave equations [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 210, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1938 - 1964

2017 [1/12] / GBR - Poursartip, B., Fathi, A., Kallivokas, L. F. Seismic wave amplification by topographic features: A parametric study [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2017, Roč. 92, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 503 - 527

2017 [1/12] / COL - Riano, A.C. – Reyes, J.C. – Yamin, L.E. – Montejó, J.S. – Bustamante, J.L. – Bielak, J. – Pulido, N. – Molano, C.E. – Huguett, A. Development of a first 3D crustal velocity model for the region of Bogota, Colombia [elektronický dokument] In: Ingenieria e Investigacion. Bogotá: Universidad Nacional de Colombia, 2017, Roč. 37, č. 2, [tlačená forma] [online]. ISSN 0120-5609. ISSN (online) 2248-8723. - SCIE ; SCO ; WOS CC, 42 - 51

2017 [1/12] / USA - Volk, O. – Shani-Kadmiel, S. – Gvirtzman, Z. – Tsesarsky, M. 3D Effects of Sedimentary Wedges and Subsurface Canyons: Ground-Motion Amplification in the Israeli Coastal Plain [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2017, Roč. 107, č. 3, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1324 - 1335

2018 [1/12] / USA - Rodgers, A.J. – Pitarka, A. – Petersson, N.A. – Sjogreen, B. – McCallen, D.B. Broadband (0-4 Hz) Ground Motions for a Magnitude 7.0 Hayward Fault Earthquake With Three-Dimensional Structure and Topography [elektronický dokument] In: Geophysical Research Letters. Washington: John Wiley & Sons. American Geophysical Union, 2018, Roč. 45, č. 2, [tlačená forma] [online]. ISSN 0094-8276. ISSN (online) 1944-8007. - SCIE ; SCO ; WOS CC, 739 - 747

2018 [1/12] / NLD - Smerzini, C. – Pitilakis, K. Seismic risk assessment at urban scale from 3D physics-based numerical modeling: the case of Thessaloniki [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2018, Roč. 16, č. 7, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 2609 - 2631

2018 [1/12] / GBR - Cupillard, P. – Capdeville, Y. Non-periodic homogenization of 3-D elastic media for the seismic wave equation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2018, Roč. 213, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 983 - 1001

2022 [1/20] / GBR - Anquez, Pierre, Glinsky, Nathalie, Cupillard, Paul, Caumon, Guillaume. Impacts of geometric model simplifications on wave propagation - application to ground motion simulation in the lower Var valley basin (France) [elektronický dokument]. DOI 10.1093/gji/ggab447 In: Geophysical Journal International. Oxford: Oxford University Press, 2022, Roč. 229, č. 1, s. 110-137 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC, 110 - 137

2022 [1/20] / CHE - Touhami, Sara, Gatti, Filippo, Lopez-Caballero, Fernando, Cottreau, Régis, de Abreu Corrêa, Lúcio, Aubry, Ludovic, Clouteau, Didier. SEM3D: A 3D High-Fidelity Numerical Earthquake Simulator for Broadband (0–10 Hz) Seismic Response Prediction at a Regional Scale. DOI 10.3390/geosciences12030112 In: Geosciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2022, Roč. 12, č. 3, art. no. 112 [online]. ISSN 2076-3263. - SCO ; WOS CC ; ESCI, art. no. 112

2021 [1/12] / GBR - Tchawe, F. N., Gelis, C., Bonilla, L. F., Lopez-Caballero, F. Effects of 2-D random velocity perturbations on 2-D SH short-period ground motion simulations in the basin of Nice, France [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2021, Roč. 226, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 847 - 861

2020 [1/12] / neurčené - Abou-Jaoude, R., Makhoul, N., Fleurisson, J.-A., Gesret, A. Review of site effect modeling methods considering experimental geophysical data In: 11th International Conference on Structural Dynamics (EURODYN 2020) : Proceedings. [Volos]: European Association for Structural Dynamics, 2020. - SCO, 3274 - 3290

2022 [1/20] / NLD - Duru, K., Rannabauer, L., Gabriel, A.-A., Ling, O. K. A., Igel, H., Bader, M. A stable discontinuous Galerkin method for linear elastodynamics in 3D geometrically complex elastic solids using physics based numerical fluxes [elektronický dokument] In: Computer Methods in Applied Mechanics and Engineering. Amsterdam: Elsevier, 2022, č. 389, [tlačená forma] [online]. ISSN 0045-7825. ISSN (online) 1879-2138. - SCO, art. no. 114386

2019 [1/12] / neurčené - Anquez, P. – Pellerin, J. – Irakarama, M. – Cupillard, P. – Levy, B. – Caumon, G. Automatic correction and simplification of geological maps and cross-sections for numerical simulations In: Comptes Rendus Geoscience, 2019, Roč. 351, č. 1. - SCIE ; SCO ; WOS CC, 48 - 58

2019 [1/12] / GBR - Ba, Z.N. – An, D.H. Seismic response of a 3-D canyon in a multilayered TI half-space modelled by an indirect boundary integral equation method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 217, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1949 - 1973

2019 [1/12] / neurčené - Happ, C. – Scheipl, F. – Gabriel, A.A. – Greven, S. A general framework for multivariate functional principal component analysis of amplitude and phase variation In: Stat, 2019, Roč. 8, č. 1. - SCIE ; SCO ; WOS CC, Art. No. e220

2019 [1/12] / neurčené - He, X.J., Yue, X.R. A High-Order Weighted Runge-Kutta Discontinuous Galerkin Method for Solving 2d Acoustic and Elastic Wave Equations in Isotropic and Anisotropic Media In: Journal of Seismic Exploration, 2019, Roč. 28, č. 4. ISSN 09630651. - SCIE ; WOS CC, 363 - 391

2019 [1/12] / neurčené - Lu, X.Z. – Zeng, X. – Xu, Z. – Guan, H. Physics-based Simulation and High-fidelity Visualization of Fire Following Earthquake Considering Building Seismic Damage In: Journal of Earthquake Engineering, 2019, Roč. 23, č. 7. - SCIE ; SCO ; WOS CC, 1173 - 1193

2019 [1/12] / neurčené - Podesta, L. – Saez, E. – Yanez, G. – Leyton, F. Geophysical Study and 3-D Modeling of Site Effects in Vina del Mar, Chile In: Earthquake Spectra, 2019, Roč. 35, č. 3. - SCIE ; SCO ; WOS CC, 1329 - 1349

2019 [1/12] / USA - Rodgers, A. J., Petersson, N. A., Pitarka, A., McCallen, D. B., Sjögreen, B., Abrahamson, N. Broadband (0-5 Hz) Fully Deterministic 3D Ground-Motion Simulations of a Magnitude 7.0 Hayward Fault Earthquake: Comparison with Empirical Ground-Motion Models and 3D Path and Site Effects from Source Normalized Intensities [elektronický dokument] In: Seismological Research Letters. Albany: Seismological Society of America, 2019, Roč. 90, č. 3, [tlačená forma] [online]. ISSN 0895-0695. ISSN (online) 1938-2057. - SCIE ; SCO ; WOS CC, 1268 - 1284

2019 [1/12] / USA - Afshari, K. – Stewart, J.P. Insights from California Vertical Arrays on the Effectiveness of Ground Response Analysis with Alternative Damping Models [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2019, Roč. 109, č. 4, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1250 - 1264

2020 [1/12] / USA - He, X.J. – Yang, D.H. – Qiu, C.J. Dispersion-dissipation analysis of triangular numerical-flux-based discontinuous Galerkin method for elastic wave equations [elektronický dokument]. DOI 10.1016/j.jcp.2020.109630 In: Journal of Computational Physics. San Diego : American Academic Press, 2020, Roč. 418, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, Art. No. 109630

2020 [1/12] / GBR - Poursartip, B., Fathi, A., Tassoulas, J.L. Large-scale simulation of seismic wave motion: A review [elektronický dokument]. DOI 10.1016/j.soildyn.2019.105909 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2020, Roč. 129, č. 105909, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC

2020 [1/12] / CHE - van Ede, M. C., Molinari, I., Imperatori, W., Kissling, E., Baron, J., Morelli, A.: Hybrid Broadband Seismograms for Seismic Shaking Scenarios: An Application to the Po Plain Sedimentary Basin (Northern Italy). Článok [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2020, Roč. 177, č. 5, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 2181 - 2198

2020 [1/12] / neurčené - Vijaya, R. – Boominathan, A. – Mazzieri, I. 3D Ground Response Analysis of Simplified Kutch Basin by Spectral Element Method In: Journal of Earthquake and Tsunami, 2020, Roč. 14, č. 1. - SCIE ; SCO ; WOS CC, Art. No. 2050003

2018 [1/12] / neurčené - Taborda, R., Olsen, K. B., Graves, R. W., Silva, F., Khoshnevis, N., Savran, W., Roten, D., Shi, Z., Goulet, C. A., Bielak, J., Maechling, P. J., Cui, Y., Jordan, T H. High-frequency simulations: Verification and validation of the M5.1 La Habra, Ca, earthquake In: 11th National Conference on Earthquake Engineering 2018 (NCEE 2018): Integrating Science, Engineering, and Policy : Proceedings. [Oakland]: Earthquake Engineering Research Institute, 2018. - SCO, 4130 - 4134

2018 [1/12] / neurčené - Suzuki, F., Kato, K., Watanabe, T. The goodness-of-fit between observed and simulated waves: Modification of the frequency domain error and application to verification and validation

In: Journal of Structural and Construction Engineering, 2018, Roč. 83, č. 752. - SCO, 1435 - 1444

2020 [1/12] / USA - Rodgers, A. J., Pitarka, A. J., Pankajakshan, R., Sjogreen, B., Petersson, N. A. Regional-scale 3d ground-motion simulations of mw 7 earthquakes on the hayward fault, northern california resolving frequencies 0–10 hz and including site-response corrections [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2020, Roč. 110, č. 6, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCO, 2862 - 2881

2020 [1/12] / neurčené - Vijaya, R., Boominathan, A., Mandal, P., Mazzieri, I. Numerical analysis of three dimensional basin effects in the Kutch basin, India In: 7th International Conference on Earthquake Geotechnical Engineering (ICEGE 2019) : Proceedings. [S. l.]: Taylor & Francis Group. CRC Press, 2020. - SCO, 5531 - 5538

2021 [1/12] / USA - Duru, K., Rannabauer, L., Gabriel, A. A., Igel, H. A New Discontinuous Galerkin Method for Elastic Waves with Physically Motivated Numerical Fluxes [elektronický dokument] In: Journal of Scientific Computing. New York: Springer Nature, 2021, Roč. 88, č. 3, [tlačená forma] [online]. ISSN 0885-7474. ISSN (online) 1573-7691. - SCIE ; SCO ; WOS CC, Art. No. 51

2021 [1/12] / USA - Ito, E., Cornou, C., Nagashima, F., Kawase, H. Estimation of Velocity Structures in the Grenoble Basin, France, Using Pseudo Earthquake Horizontal-to-Vertical Spectral Ratio from Microtremors [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2021, Roč. 111, č. 2, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 627 - 653

2021 [1/12] / GBR - Liang, J., Wu, M., Ba, Z., Lee, V. W. Surface motion of a layered transversely isotropic half-space with a 3D arbitrary-shaped alluvial valley under qP-, qSV- and SH-waves [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2021, Roč. 140, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, Art. No. 106388

2021 [1/20] / SGP - Lu, X., Guan, H. Earthquake Disaster Simulation of Civil Infrastructures [textový dokument (print)] [elektronický dokument] : From Tall Buildings to Urban Areas: (Second Edition). Singapur: Springer Nature. Springer, 2021. 2. vyd. ISBN 978-981-15-9531-8. ISBN 978-981-15-9534-9. ISBN (online) 978-981-15-9532-5. DOI 10.1007/978-981-15-9532-5. - SCO, 1 - 934

2021 [1/20] / USA - Haindl, C., Leng, K., Nissen-Meyer, T. A 3D complexity-adaptive approach to explore sparsity in elastic wave propagation [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2021, Roč. 86, č. 5, 321- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC

2021 [1/12] / GBR - O'Kane, A., Copley, A. The controls on earthquake ground motion in foreland-basin settings: the effects of basin and source geometry [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2021, Roč. 225, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 512 - 529

2021 [1/12] / USA - Paolucci, R., Smerzini, C., Vanini, M. BB-SPEEDset: A Validated Dataset of Broadband Near-Source Earthquake Ground Motions from 3D Physics-Based Numerical Simulations [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2021, Roč. 111, č. 5, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2527 - 2545

2021 [1/12] / neurčené - Zhang, W., Restrepo, D., Crempien, J. G. F., Erkmen, B., Taborda, R., Kurtulus, A., Taciroglu, E. A computational workflow for rupture-to-structural-response simulation and its application to Istanbul In: Earthquake Engineering & Structural Dynamics, 2021, Roč. 50, č. 1. - SCIE ; SCO ; WOS CC, 177 - 196

2022 [1/20] / DEU - Glehman, J., Tsesarsky, M. Ground motion variability in Israel from 3-D simulations of M 6 and M 7 earthquakes [elektronický dokument] In: Natural Hazards and Earth System Sciences. Mnichov: European Geosciences Union, 2022, Roč. 22, č. 4, [tlačená forma] [online]. ISSN 1561-8633. ISSN (online) 1684-9981. - SCIE ; SCO ; WOS CC, 1451 - 1467

2022 [1/20] / NLD - Karbor, L., Mir Mohammad Hosseini, S. M., Bagherzadeh Khalkhali, A. Assessment of assembly shape and geometric effects on amplification of shear waves using discrete element method

In: Particuology. Amsterdam: Elsevier, 2022, č. 66, [tlačená forma]. ISSN 1674-2001. - SCIE ; SCO ; WOS CC, 85 - 99

2022 [1/20] / NLD - Kato, B., Wang, G. Seismic site–city interaction analysis of super-tall buildings surrounding an underground station: a case study in Hong Kong [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2022, Roč. 20, č. 3, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 1431 - 1454

2022 [1/20] / CHE - Kumar, N., Kumar, V., Narayan, J.P., Tiwari, V., Kumar, S. Effects of Complex Valley Topography on De-amplification Scenerio for SH-Waves [elektronický dokument] In: Geohazard Mitigation: Select Proceedings of VCDRR 2021. Cham: Springer Nature. Springer, 2022, [tlačená forma] [online]. ISBN 978-981-16-6139-6. ISBN 978-981-16-6142-6. ISBN (online) 978-981-16-6140-2. - SCO, 333 - 345

2022 [1/20] / FRA - Liu, Z. X., Zhang, Z., Wang, S. J. The FM-IBEM simulation for three dimensional seismic wave scattering by arbitrary layered media [elektronický dokument] In: European journal of environmental and civil engineering. [s.l.]: Taylor & Francis Group, 2022, Roč. 26, č. 13, [tlačená forma] [online]. ISSN 1964-8189. ISSN (online) 2116-7214. - SCIE ; SCO ; WOS CC, 6378 - 6397

2022 [1/20] / GBR - Lu, Y., Ben-Zion, Y. Validation of seismic velocity models in southern California with full-waveform simulations [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2022, Roč. 229, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1232 - 1254

2023 [1/20] / NLD - Antonietti, P. F., Mazzieri, I., Migliorini, F. A discontinuous Galerkin time integration scheme for second order differential equations with applications to seismic wave propagation problems [elektronický dokument] In: Computers and Mathematics with Applications: An International Journal. Amsterdam: Elsevier, 2023, č. 134, [tlačená forma] [online]. ISSN 0898-1221. ISSN (online) 1873-7668. - SCIE ; SCO ; WOS CC, 87 - 100

2023 [1/20] / SGP - Liu, G., Li, X. Theoretical Solutions for Variable Ground Motions of Media-Transition Canyons with Partly Filled Water Subjected to SV-Waves Incidence [elektronický dokument] In: Journal of Earthquake and Tsunami. Singapur: World Scientific Publishing, 2023, Roč. 17, č. 3, [tlačená forma] [online]. ISSN 1793-4311. ISSN (online) 1793-7116. - SCIE ; SCO ; WOS CC, art. no. 2350009

2023 [1/20] / USA - Oprsal, I., Sekiguchi, H., Iwata, T., Bu, 2023. Influence of low-velocity superficial layer on long-period basin-induced surface waves in eastern Osaka basin [elektronický dokument] In: Earth, Planets and Space. New York: Springer Nature, 2023, Roč. 75, č. 1, [tlačená forma] [online]. ISSN 1343-8832. ISSN (online) 1880-5981. - SCIE ; SCO ; WOS CC, art. no. 55

2022 [1/20] / GBR - Ba, Z., Wu, M., Liang, J., Zhao, J., Lee, V. W. A two-step approach combining FK with SE for simulating ground motion due to point dislocation sources [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2022, Roč. 157, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, art. no. 107224

2023 [1/20] / USA - Hayek, Jorge N., May, Dave A., Pranger, Casper, Gabriel, Alice Agnes. A Diffuse Interface Method for Earthquake Rupture Dynamics Based on a Phase-Field Model [elektronický dokument]. DOI 10.1029/2023JB027143 In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2023, Roč. 128, č. 12, art. no. e2023JB027143 [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chybné) 0148-0227. - SCO ; WOS CC ; CCC ; SCIE, art. no. e2023JB027143

2023 [1/20] / USA - Hailemikaël, Salomon, Di Giulio, Giuseppe, Milana, Giuliano, Vassallo, Maurizio, Bordoni, Paola. From ambient vibration data analysis to 1D ground-motion prediction of the Mj 5.9 and the Mj 6.5 Kumamoto earthquakes in the Kumamoto alluvial plain, Japan [elektronický dokument]. DOI 10.1186/s40623-023-01848-x In: Earth, Planets and Space. New York: Springer Nature, 2023, Roč. 75, č. 1, art. no. 105 [tlačená forma] [online]. ISSN 1343-8832. ISSN (online) 1880-5981. - SCO ; WOS CC ; CCC ; SCIE, art. no. 105

2024 [1/20] / CHE - Liu, Qifang, Yu, Yanyan, Ding, Haiping. Long-Period Ground Motion Simulation of the 2008 Mw7.9 Wenchuan Earthquake Considering the Western Sichuan Basin [elektronický dokument]. DOI 10.1007/s40996-023-01141-7 In: Iranian Journal of Science and Technology - Transactions of Civil

Engineering. Cham: Springer Nature. Springer, 2024, Roč. 48, č. 1, s. 169-183 [tlačená forma] [online]. ISSN 22286160. ISSN (online) 23641843. - SCO ; WOS CC ; SCIE, 169 - 183

2023 [1/20] / USA - Parker, Grace A., Moschetti, Morgan P., Thompson, Eric M. Ground-Motion Variability from Kinematic Rupture Models and the Implications for Nonergodic Probabilistic Seismic Hazard Analysis [elektronický dokument]. DOI 10.1785/0220220380 In: Seismological Research Letters. Albany: Seismological Society of America, 2023, Roč. 94, č. 6, s. 2687-2697 [tlačená forma] [online]. ISSN 0895-0695. ISSN (online) 1938-2057. - SCO ; WOS CC ; CCC ; SCIE, 2687 - 2697

2023 [1/20] / NLD - Alikhanzadeh, Reza, Zafarani, Hamid. Physics-based probabilistic seismic hazard analysis: the case of Tehran Basin in Iran [elektronický dokument]. DOI 10.1007/s10518-023-01785-w In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2023, Roč. 21, č. 14, s. 6171-6214 [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCO ; WOS CC ; CCC ; SCIE, 6171 - 6214

2021 [1/20] / SGP - Liang, Jianwen, Wu, Mengtao, Ba, Zhenning, Liu, Yue. A Hybrid Method for Modeling Broadband Seismic Wave Propagation in 3D Localized Regions to Incident P, SV, and SH Waves [elektronický dokument]. DOI 10.1142/S1758825121501192 In: International Journal of Applied Mechanics. Singapur: World Scientific Publishing, 2021, Roč. 13, č. 10, Art. no. 2150119, s. Nestr. [1-3] [tlačená forma] [online]. ISSN 1758-8251. ISSN (online) 1758-826X. - SCO, art. no. 2150119 - 3]

ADC_023 / Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (45%) - Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (35%) - Gális, Martin (Autor) [Výskumný pracovník - výskumník] [UKOMFKAFZM] (20%): Stable discontinuous staggered grid in the finite-difference modelling of seismic motion. – text, obr. – DOI 10.1111/j.1365-246X.2010.04775.x. – SCO ; WOS CC ; SCIE ; CCC
In: *Geophysical Journal International* [textový dokument (print)] [elektronický dokument] . – Oxford (Veľká Británia) : Oxford University Press. – ISSN 0956-540X. – ISSN (online) 1365-246X. – Roč. 183, č. 3 (2010), s. 1401-1407 [tlačená forma] [online]

Počet všetkých autorov: 3

[článok]

Lit.: 26

[OV 092 Vedy o Zemi a vesmíre]

Ohlasy (67):

2012 [1/12] / neurčené - Cheverda, V., Khaidukov, V., Lisitsa, V., Reshetova, G., Pozdnyakov, V., Shilikov, V. Footprint of the fine structure of the reservoir in scattered waves In: Saint Petersburg 2012 - Geosciences: Making the Most of the Earth's Resources, 2012, 2012. - SCO, Art. No. B011

2012 [1/12] / NLD - Chu, C., Stoffa, P. L. Nonuniform grid implicit spatial finite difference method for acoustic wave modeling in tilted transversely isotropic media [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2012, Roč. 76, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, 44 - 49

2012 [1/12] / neurčené - Kostin, V., Lisitsa, V., Reshetova, G., Tcheverda, V. Simulation of seismic waves propagation in multiscale media: Impact of cavernous/fractured reservoirs In: Applied Parallel and Scientific Computing : Lecture Notes in Computer Science. Berlin: Springer, 2012. - CPCI-S ; SCO ; WOS CC, 54 - 64

2012 [1/12] / GBR - Zhang, W., Shen, Y., Zhao, L. Three-dimensional anisotropic seismic wave modelling in spherical coordinates by a collocated-grid finite-difference method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2012, Roč. 188, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1359 - 1381

2012 [1/12] / GBR - Zhang, W., Zhang, Z., Chen, X. Three-dimensional elastic wave numerical modelling in the presence of surface topography by a collocated-grid finite-difference method on curvilinear grids [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2012, Roč. 190, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 358 - 378

2013 [1/12] / GBR - Alkhalifah, T. Residual extrapolation operators for efficient wavefield construction [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2013, Roč. 193, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS

2013 [1/12] / GBR - Chang, K. H., Tsaur, D. H., Wang, J. H. Scattering of SH waves by a circular sectorial canyon [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2013, Roč. 195, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 532 - 543

2013 [1/12] / GBR - Liu, T., Luan, Y. Mesh grading approach for wave propagation in high velocity-contrast media [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2013, Roč. 50, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 182 - 191

2014 [1/12] / DEU - Narayan, J. P., Sahar, D. Three-dimensional viscoelastic finite-difference code and modelling of basement focusing effects on ground motion characteristics [elektronický dokument] In: Computational Geosciences: Modeling, Simulation and Data Analysis. Berlín: Springer Nature. Springer International Publishing AG, 2014, Roč. 18, č. 6, [tlačená forma] [online]. ISSN 1420-0597. ISSN (online) 1573-1499. - SCIE ; SCO ; WOS CC, 1023 - 1047

2015 [1/12] / USA - Gao, L., Brossier, R., Pajot, B., Tago, J., Virieux, J. An immersed free-surface boundary treatment for seismic wave simulation [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2015, Roč. 80, č. 5, 193- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2013 [1/12] / GBR - Zhang, Z., Zhang, W., Li, H., Chen, X. Stable discontinuous grid implementation for collocated-grid finite-difference seismic wave modelling [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2013, Roč. 192, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1179 - 1188

2015 [1/12] / GBR - Li, H., Zhang, W., Zhang, Z., Chen, X. Elastic wave finite-difference simulation using discontinuous curvilinear grid with non-uniform time step: two-dimensional case [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2015, Roč. 202, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 102 - 118

2013 [1/12] / neurčené - Wenk, S., Pelties, C., Igel, H., Kaeser, M. Regional wave propagation using the discontinuous Galerkin method [elektronický dokument] In: Solid Earth: an Interactive Open-access Journal of the European Geosciences Union, 2013, Roč. 4, č. 1, [tlačená forma]. ISSN 1869-9510. ISSN (online) 1869-9529. - SCIE ; SCO ; WOS CC, 43 - 57

2016 [1/12] / USA - Lisitsa, V., Tcheverda, V., Botter, C. Combination of the discontinuous Galerkin method with finite differences for simulation of seismic wave propagation [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2016, Roč. 311, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 142 - 157

2016 [1/12] / GBR - Gao, L., Brossier, R., Virieux, J. Using time filtering to control the long-time instability in seismic wave simulation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 204, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1443 - 1461

2015 [1/12] / USA - Kostin, V., Lisitsa, V., Reshetova, G., Tcheverda, V. Local time-space mesh refinement for simulation of elastic wave propagation in multi-scale media [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2015, Roč. 281, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 669 - 689

2016 [1/12] / NLD - Lisitsa, V. Dispersion analysis of discontinuous Galerkin method on triangular mesh for elastic wave equation [elektronický dokument] In: Applied Mathematical Modelling: simulation & computation for engineering & environmental systems. Amsterdam: Elsevier, 2016, Roč. 40, č. 7-8, [tlačená forma] [online]. ISSN 0307-904X. ISSN (online) 1872-8480. - SCIE ; WOS CC, 5077 - 5095

2013 [1/12] / GBR - Tsaur, D. H., Hsu, M. S. SH waves scattering from a partially filled semi-elliptic alluvial valley [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2013, Roč. 194, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 499 - 511

2014 [1/12] / neurčené - Chang, K. H., Tsaur, D. H., Wang, J. H. Ground motions around a semi-circular valley partially filled with an inclined alluvial layer under SH-polarized excitation In: Earth Planets and Space, 2014, Roč. 66. - SCIE ; SCO ; WOS CC, Art. No. 53

2014 [1/12] / neurčené - Mu, D., Lee, E., Chen, P. Applications of full-wave seismic data assimilation (FWSDA) In: Seismic Imaging, Fault Damage and Heal. Berlin: De Gruyter, 2014. - SCO, 15 - 72

2014 [1/12] / NLD - Wu, T., Chen, Z. A dispersion minimizing subgridding finite difference scheme for the Helmholtz equation with PML [elektronický dokument] In: Journal of Computational and Applied Mathematics. Amsterdam: Elsevier, 2014, Roč. 267, [tlačená forma] [online]. ISSN 0377-0427. ISSN (online) 1879-1778. - SCIE ; SCO ; WOS CC, 82 - 95

2015 [1/12] / USA - Fan, N., Zhao, L. F., Gao, Y. J., Yao, Z. X. A discontinuous collocated-grid implementation for high-order finite-difference modeling [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2015, Roč. 80, č. 4, 175- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2016 [1/12] / neurčené - Wu, T., Chen, Z., Chen, J. Optimal 25-point finite-difference subgridding techniques for the 2D Helmholtz equation In: Mathematical Problems in Engineering, 2016, 2016. - SCIE ; SCO ; WOS CC, Art. No. 1719846

2016 [1/12] / neurčené - Zhang, B. Q., Zhou, H., Chen, H. M., Sheng, S. B. Time-space domain high-order finite-difference methods for seismic wave numerical simulation based on new stencils In: Chinese Journal of Geophysics-Chinese Edition, 2016, Roč. 59, č. 5. - SCIE ; SCO ; WOS CC, 1804 - 1814

2017 [1/12] / USA - Li, Bei, Liu, Yang, Sen, Mrinal K., Ren, Zhiming. Time-space-domain mesh-free finite difference based on least squares for 2D acoustic-wave modeling [elektronický dokument]. DOI 10.1190/GEO2016-0464.1 In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2017, Roč. 82, č. 4, s. T143-T157 [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO ; WOS CC, T143 - T157

2017 [1/12] / CZE - Yan, H. Y., Yang, L. Seismic modeling with an optimal staggered-grid finite-difference scheme based on combining Taylor-series expansion and minimax approximation [elektronický dokument] In: Studia Geophysica et Geodaetica: a journal of geophysics, meteorology and climatology, geodesy. Praha: Akademie věd České republiky. Geofyzikální ústav AV ČR, 2017, Roč. 61, č. 3, [tlačená forma] [online]. ISSN 0039-3169. ISSN (online) 1573-1626. - SCIE ; WOS CC, 560 - 574

2018 [1/12] / USA - Li, Q.L., Jia, X.F. A generalized average-derivative optimal finite-difference scheme for 2D frequency-domain acoustic-wave modeling on continuous nonuniform grids [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2018, Roč. 83, č. 5, 265- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2021 [1/12] / USA - Sun, Y.-C., Zhang, W., Ren, H., Bao, X., Xu, J.-K., Sun, N., Yang, Z., Chen, X. 3D Seismic-Wave Modeling with a Topographic Fluid-Solid Interface at the Sea Bottom by the Curvilinear-Grid Finite-Difference Method [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2021, Roč. 111, č. 5, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2753 - 2779

2021 [1/20] / USA - Zang, N., Zhang, W., Chen, X. An overset-grid finite-difference algorithm for simulating elastic wave propagation in media with complex free-surface topography [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2021, Roč. 84, č. 4, 277- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC

2022 [1/20] / CHN - Li, C., Wang, H., Wen, R., Qiang, S., Ren, Y. 3D finite-difference numerical simulation of ground motion in Japan Nami M7.4 earthquake, March 16, 2022 In: Earthquake Engineering and Engineering Dynamics. [s.l.]: Editorial office of Earthquake Engineering and Engineering Dynamics, 2022, Roč. 42, č. 5, [tlačená forma]. ISSN 1000-1301. - SCO, 9 - 17

2023 [1/20] / GBR - Bhaumik, M., Naskar, T. Dispersive staggered grid finite difference modelling of Rayleigh waves [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh:

Elsevier, 2023, č. 165, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, art. no. 107698

2020 [1/12] / neurčené - Seriani, G. – Oliveira, S.P. Numerical modeling of mechanical wave propagation In: Rivista del Nuovo Cimento, 2020, Roč. 43, č. 9. - SCIE ; SCO ; WOS CC, 459 - 514

2018 [1/12] / USA - Tavelli, M., Dumbser, M. Arbitrary high order accurate space-time discontinuous Galerkin finite element schemes on staggered unstructured meshes for linear elasticity [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2018, Roč. 366, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; WOS CC, 386 - 414

2017 [1/12] / USA - Chen, H., Zhou, H., Zhang, Q., Chen, Y. Modeling elastic wave propagation using K-space operator-based temporal high-order staggered-grid finite-difference method [elektronický dokument] In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2017, Roč. 55, č. 2, [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCIE ; SCO ; WOS CC, 801 - 815

2017 [1/12] / USA - Chung, E. T., Efendiev, Y., Gibson, R. L., Leung, W. T. Residual-driven online multiscale methods for acoustic-wave propagation in 2D heterogeneous media [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2017, Roč. 82, č. 2, 69- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2017 [1/12] / USA - O'Reilly, O., Lundquist, T., Dunham, E., Nordström, J. Energy stable and high-order-accurate finite difference methods on staggered grids [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2017, Roč. 346, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 572 - 589

2017 [1/12] / USA - Nie, S.Y. – Wang, Y.F. – Olsen, K.B. – Day, S.M. Fourth-Order Staggered-Grid Finite-Difference Seismic Wavefield Estimation Using a Discontinuous Mesh Interface (WEDMI) [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2017, Roč. 107, č. 5, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; WOS CC, 2183 - 2193

2017 [1/12] / GBR - Qu, Y., Huang, J., Li, Z., Li, J. A hybrid grid method in an auxiliary coordinate system for irregular fluid-solid interface modelling [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 208, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1540 - 1556

2017 [1/12] / GBR - Sun, Y.C. – Zhang, W. – Xu, J.K. – Chen, X.F. Numerical simulation of 2-D seismic wave propagation in the presence of a topographic fluid-solid interface at the sea bottom by the curvilinear grid finite-difference method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 210, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1721 - 1738

2017 [1/12] / neurčené - Tcheverda, V. – Kostin, V. – Reshetova, G. – Lisitsa, V. Simulation of Seismic Waves Propagation in Multiscale Media Impact of Cavernous/Fractured Reservoirs In: Supercomputing, Ruscdays 2017, CICAIS Vol. 793. Cham: Springer, 2017. - CPCI-S ; WOS CC, 183 - 193

2017 [1/12] / USA - Wang, H., Fehler, M., Miller, D. Reliability of velocity measurements made by monopole acoustic logging-while-drilling tools in fast formations [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2017, Roč. 82, č. 4, 225- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2018 [1/12] / USA - Fan, N. – Zhao, L.F. – Xie, X.B. – Yao, Z.X. A discontinuous-grid finite-difference scheme for frequency-domain 2D scalar wave modeling [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2018, Roč. 83, č. 4, 235- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC

2018 [1/12] / GBR - Gao, L.F. – Ketcheson, D. – Keyes, D. On long-time instabilities in staggered finite difference simulations of the seismic acoustic wave equations on discontinuous grids [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2018, Roč. 212, č. 2,

[tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 1098 - 1110

2019 [1/12] / GBR - Al Salem, H.J. – Petrov, P. – Newman, G. – Um, E. – Rector, J. Efficient discontinuous finite difference meshes for 3-D Laplace-Fourier domain seismic wavefield modelling in acoustic media with embedded boundaries [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 219, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1253 - 1267

2019 [1/12] / NLD - Gao, L.F. – Fernandez, D.C.D. – Carpenter, M. – Keyes, D. SBP-SAT finite difference discretization of acoustic wave equations on staggered block-wise uniform grids [elektronický dokument] In: Journal of Computational and Applied Mathematics. Amsterdam: Elsevier, 2019, Roč. 348, [tlačená forma] [online]. ISSN 0377-0427. ISSN (online) 1879-1778. - SCIE ; SCO ; WOS CC, 421 - 444

2019 [1/12] / USA - Sun, C.Y. – Li, S.Z. – Xu, N. PML and CFS-PML boundary conditions for a mesh-free finite difference solution of the elastic wave equation [elektronický dokument] In: Applied Geophysics. New York: Springer Nature, 2019, Roč. 16, č. 4, [tlačená forma] [online]. ISSN 16727975. ISSN (online) 19930658. - SCIE ; SCO ; WOS CC, 438 - 454

2020 [1/12] / neurčené - Qu, Y.M., Li, J.L., Li, Z.C. Viscoacoustic Wave Numerical Simulation Method in an Auxiliary System for Irregular Surface Topography based on a Hybrid Spatial Partial Derivative Scheme [elektronický dokument] In: Journal of Theoretical and Computational Acoustics, 2020, Roč. 28, č. 1. ISSN 25917285. ISSN (online) 25917811. - SCIE ; SCO ; WOS CC

2020 [1/12] / CHE - Roten, D. – Olsen, K.B. – Takedatsu, R. Numerical Simulation of M9 Megathrust Earthquakes in the Cascadia Subduction Zone [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Basel: Springer Nature. Springer International Publishing AG, 2020, Roč. 177, č. 5, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 2125 - 2141

2020 [1/12] / neurčené - Vishnevsky, D.M. – Solov'yev, S.A. – Lisitsa, V.V. Numerical Simulation of Wave Propagation in 3D Elastic Media with Viscoelastic Formations In: Lobachevskii Journal of Mathematics, 2020, Roč. 41, č. 8. - ESCI ; SCO ; WOS CC, 1603 - 1614

2021 [1/12] / USA - Duan, P. R., Gu, B., Li, Z., Ren, Z., Li, Q. An adaptive node-distribution method for radial-basis-function finite-difference modeling with optimal shape parameter [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2021, Roč. 86, č. 1, 1- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2021 [1/12] / neurčené - Berljavac, J. M., Mishra, P. K., Slak, J., Kosec, G. RBF-FD analysis of 2D time-domain acoustic wave propagation in heterogeneous media In: Computers and Geosciences, 2021, Roč. 153. - SCIE ; SCO ; WOS CC, Art. No. 104796

2021 [1/12] / USA - Fan, N., Xie, X.-B., Zhao, L.-F., Tang, X.-G., Yao, Z.-X. An optimal frequency-domain finite-difference operator with a flexible stencil and its application in discontinuous-grid modeling [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2021, Roč. 86, č. 3, 143- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC

2021 [1/12] / USA - Zhang, C., Zhang, W. Efficient Two-dimensional Acoustic Wave Finite-Difference Numerical Simulation in Strongly Heterogeneous Media Using the Adaptive Mesh Refinement (AMR) Technique [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2021, Roč. 87, č. 1, [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO, 1 - 76

2022 [1/20] / USA - Gao, L., Ghattas, O., Keyes, D. Nonuniform 3D finite-difference elastic wave simulation on staggered grids [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2022, Roč. 87, č. 4, 347- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2022 [1/20] / USA - Zhang, C., Zhang, W. Efficient 2D acoustic wave finite-difference numerical simulation in strongly heterogeneous media using the adaptive mesh refinement technique [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2022, Roč. 87, č. 1, 29- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online)

1942-2156. - SCIE ; SCO ; WOS CC

2023 [1/20] / CHE - Fang, J., Huang, L., Shi, Y., Chen, H., Wang, B. Three-dimensional elastic reverse-time migration using a high-order temporal and spatial staggered-grid finite-difference scheme In: *Frontiers in Earth Science*. Lausanne: Frontiers Media, 2023, Roč. 11, [online]. ISSN 2296-6463. - SCIE ; SCO ; WOS CC, art. no. 1069506

2023 [1/20] / GBR - Masson, Yder. Distributional finite-difference modelling of seismic waves [elektronický dokument]. DOI 10.1093/gji/ggac306 In: *Geophysical Journal International*. Oxford: Oxford University Press, 2023, Roč. 233, č. 1, s. 264-296 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 264 - 296

2022 [1/20] / USA - Gadylshin, Kirill, Vishnevsky, Dmitry, Gadylshina, Kseniia, Lisitsa, Vadim. Numerical dispersion mitigation neural network for seismic modeling [elektronický dokument]. DOI 10.1190/geo2021-0242.1 In: *Geophysics: a journal of general and applied geophysics*. Tulsa: The Society of Exploration Geophysicists, 2022, Roč. 87, č. 3, s. 1-49 [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO ; SCIE ; CCC ; WOS CC, 1 - 49

2023 [1/20] / USA - Zhang, H., Sun, Y.-C., Ren, H., Zhang, W., Huang, Q., Chen, X. Discontinuous curvilinear collocated grid combined with nonuniform time step Runge-Kutta scheme for poroelastic finite-difference modeling [elektronický dokument] In: *Geophysics: a journal of general and applied geophysics*. Tulsa: The Society of Exploration Geophysicists, 2023, Roč. 88, č. 1, 1- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2024 [1/20] / GBR - Jiang, Luqian, Zhang, Wei. Efficient implementation of equivalent medium parametrization in finite-difference seismic wave simulation methods [elektronický dokument]. DOI 10.1093/gji/ggae286 In: *Geophysical Journal International*. Oxford: Oxford University Press, 2024, Roč. 239, č. 1, s. 675-693 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; SCIE ; CCC, 675 - 693

2023 [1/20] / IDN - Rizal, Syamsurizal, Priyono, Awali, Nugraha, Andri Dian, Apri, Mochamad, Moelyadi, Mochamad Agus, Sahara, David P. Reducing Numerical Dispersion with High-Order Finite Difference to Increase Seismic Wave Energy [elektronický dokument]. DOI 10.5614/j.eng.technol.sci.2023.55.4.5 In: *Journal of Engineering and Technological Sciences*. Bandung: ITB Journal Publisher, 2023, Roč. 55, č. 4, s. 402-418 [tlačená forma] [online]. ISSN 2337-5779. ISSN (online) 2338-5502. - SCO ; WOS CC ; ESCI, 402 - 418

2024 [1/20] / CHN - Zhao, Yu, Li, Ke Qiang, Sun, Shan, Chen, Kan, Tan, Guang Shen, Zhang, Juan, Wang, Xiu Lin. Numerical simulation and eutrophication assessment of spatiotemporal distribution of nitrogen, phosphorus, and chlorophyll concentrations in the Bohai Sea. DOI 10.11693/hyhz20230700141 In: *Oceanologia et limnologia sinica*. Peking: Ke xue chu ban she, 2024, Roč. 55, č. 1, s. 118-134 [tlačená forma]. ISSN 0029-814X. - SCO, 118 - 134

2023 [1/20] / GBR - Miao, Zhongzheng, Zhang, Jinhai. Direct implementation of discontinuous-grid finite-difference method using multiple point sources method and dynamic wavefield injection [elektronický dokument]. DOI 10.1093/gji/ggad234 In: *Geophysical Journal International*. Oxford: Oxford University Press, 2023, Roč. 234, č. 3, s. 2292-2306 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 2292 - 2306

2024 [1/20] / DEU - Jin, Chao, Zhou, Bing, Riahi, Mohamed Kamel, Zemerly, Mohamed Jamal. A generalized time-domain velocity-stress seismic wave equation for composite viscoelastic media with a topographic relief and an irregular seabed [elektronický dokument]. DOI 10.1007/s10596-024-10273-2 In: *Computational Geosciences: Modeling, Simulation and Data Analysis*. Berlín: Springer Nature. Springer International Publishing AG, 2024, Roč. 28, č. 3, s. 355-371 [tlačená forma] [online]. ISSN 1420-0597. ISSN (online) 1573-1499. - SCO ; WOS CC ; CCC ; SCIE, 355 - 371

2024 [1/20] / CHN - Zhang, Hongjing, He, Huili, Sun, Wenbo, Sun, Pengyuan, Li, Honghui, Zhou, Hui. Full-waveform inversion of elastic waves in variable grids based on variable difference coefficients. DOI 10.13810/j.cnki.issn.1000-7210.2024.03.014 In: *Shiyou Diqu Wuli Kantan*. Peking: Science China Press, 2024, Roč. 59, č. 3, s. 514-522 [tlačená forma]. ISSN 1000-7210. - SCO, 514 - 522

2023 [1/20] / SGP - Bhaumik, Mrinal, Naskar, Tarun. A Fast Staggered Grid Finite Difference Modelling of Rayleigh Wave [elektronický dokument]. DOI 10.1007/978-981-99-1579-8_60 In: *Proceedings of 17th*

Symposium on Earthquake Engineering. Singapur: Springer Nature. Springer, 2023, s. 757-769 [tlačená forma] [online]. ISBN 978-981-99-1578-1. ISBN 978-981-99-1581-1. ISBN (online) 978-981-99-1579-8. - SCO, 757 - 769

2022 [1/20] / CHN - Zhang, Chunli, Zhang, Wei. Two-dimensional elastic wave finite-difference simulation with adaptive mesh refinement [elektronický dokument]. DOI 10.13471/j.cnki.acta.snus.2021D073 In: Zhongshan Daxue Xuebao: Acta Scientiarum Naturalium Universitatis Sunyatseni. Čung-šan: Journal of Zhongshan University, 2022, Roč. 61, č. 1, s. 125-138 [online]. ISSN (online) 2097-0137. - SCO, 128 - 138

ADC_024 / Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (37%) - Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (32%) - Gális, Martin (Autor) [Výskumný pracovník - výskumník] [UKOMFKAFZM] (26%) - Pažák, Peter (Autor) (5%): On accuracy of the finite-difference and finite-element schemes with respect to P-wave to S-wave speed ratio. – text, obr. – DOI 10.1111/j.1365-246X.2010.04639.x. – SCO ; WOS CC ; SCIE ; CCC

In: *Geophysical Journal International* [textový dokument (print)] [elektronický dokument] . – Oxford (Veľká Británia) : Oxford University Press. – ISSN 0956-540X. – ISSN (online) 1365-246X. – Roč. 182, č. 1 (2010), s. 493-510 [tlačená forma] [online]

Počet všetkých autorov: 4

[článok]

Lit.: 60

[OV 092 Vedy o Zemi a vesmíre]

Ohlasy (32):

2010 [1/12] / GBR - Pelties, C., Kaser, M., Hermann, V., Castro, C. E. Regular versus irregular meshing for complicated models and their effect on synthetic seismograms [elektronický dokument] In: *Geophysical Journal International*. Oxford: Oxford University Press, 2010, Roč. 183, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1031 - 1051

2011 [1/12] / neurčené - Fichtner, A. Full seismic waveform modelling and inversion : Advances in Geophysical and Environmental Mechanics and Mathematics [textový dokument (print)] . Berlin: Springer, 2011. 1 vyd. - BKCI-S ; WOS CC, 1

2012 [1/12] / DEU - Lisitsa, V., Tcheverda, V., Vishnevsky, D. Numerical simulation of seismic waves in models with anisotropic formations: Coupling Virieux and Lebedev finite-difference schemes [elektronický dokument] In: *Computational Geosciences: Modeling, Simulation and Data Analysis*. Berlín: Springer Nature. Springer International Publishing AG, 2012, Roč. 16, č. 4, [tlačená forma] [online]. ISSN 1420-0597. ISSN (online) 1573-1499. - SCIE ; SCO ; WOS CC, 1135 - 1152

2012 [1/12] / GBR - Zhang, W., Zhang, Z., Chen, X. Three-dimensional elastic wave numerical modelling in the presence of surface topography by a collocated-grid finite-difference method on curvilinear grids [elektronický dokument] In: *Geophysical Journal International*. Oxford: Oxford University Press, 2012, Roč. 190, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 358 - 378

2014 [1/12] / neurčené - Antunes, A. J. M., Leal-Toledo, R. C. P., da Silveira Filho, O. T., Toledo, E. M. Finite difference method for solving acoustic wave equation using locally adjustable time-steps In: 2014 International Conference on Computational Science : *Procedia Computer Science*. Amsterdam: Elsevier, 2014. - CPCI-S ; SCO ; WOS CC, 627 - 636

2014 [1/12] / USA - Vishnevsky, D., Lisitsa, V., Tcheverda, V., Reshetova, G. Numerical study of the interface errors of finite-difference simulations of seismic waves [elektronický dokument] In: *Geophysics: a journal of general and applied geophysics*. Tulsa: The Society of Exploration Geophysicists, 2014, Roč. 79, č. 4, 219- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2014 [1/12] / neurčené - Yang, Y., Urban, M. W., McGough, R. J. A two-dimensional finite difference model of shear wave propagation in anisotropic soft tissue In: 2014 IEEE International Ultrasonics Symposium (IUS). New York: Institute of Electrical and Electronics Engineers, 2014. - CPCI-S ; SCO ; WOS CC, 2323 - 2326

2015 [1/12] / NLD - Di Bartolo, L., Dors, C., Mansur, W. J. Theory of equivalent staggered-grid schemes: application to rotated and standard grids in anisotropic media [elektronický dokument] In: *Geophysical*

Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2015, Roč. 63, č. 5, [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCIE ; SCO ; WOS CC, 1097 - 1125

2016 [1/12] / GBR - Wang, E., Liu, Y., Sen, M. K. Effective finite-difference modelling methods with 2-D acoustic wave equation using a combination of cross and rhombus stencils [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 206, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1933 - 1958

2017 [1/12] / neurčené - Igel, H. Computational Seismology: A Practical Introduction. BKCI-S Book Citation Index - Science N/A In: Computational Seismology: A Practical Introduction. New York: Oxford Univ Press, 2017. - WOS CC, 1 - 323

2019 [1/12] / CHE - Wang, E.J., Ba, J., Liu, Y. Temporal High-Order Time-Space Domain Finite-Difference Methods for Modeling 3D Acoustic Wave Equations on General Cuboid Grids [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2019, Roč. 176, č. 12, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 5391 - 5414

2015 [1/12] / USA - Ma, X., Yang, D., Song, G. A Low-Dispersive Symplectic Partitioned Runge-Kutta Method for Solving Seismic-Wave Equations: 2. Wavefield Simulations [elektronický dokument] In: Bulletin of the Seismological Society of America. EICerrito: Seismological Society of America, 2015, Roč. 105, č. 2, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 657 - 675

2016 [1/12] / USA - Lisitsa, V., Tcheverda, V., Botter, C. Combination of the discontinuous Galerkin method with finite differences for simulation of seismic wave propagation [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2016, Roč. 311, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 142 - 157

2017 [1/12] / GBR - Yong, P., Huang, J., Li, Z., Liao, W., Qu, L., Li, Q., Liu, P. Optimized equivalent staggered-grid FD method for elastic wave modelling based on plane wave solutions [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 208, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 1157 - 1172

2018 [1/12] / USA - Tavelli, M., Dumbser, M. Arbitrary high order accurate space-time discontinuous Galerkin finite element schemes on staggered unstructured meshes for linear elasticity [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2018, Roč. 366, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; WOS CC, 386 - 414

2019 [1/12] / USA - Tavelli, M., Dumbser, M., Charrier, D. E., Rannabauer, L., Weinzierl, T., Bader, M. A simple diffuse interface approach on adaptive Cartesian grids for the linear elastic wave equations with complex topography [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2019, Roč. 386, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 158 - 189

2015 [1/12] / USA - Kostin, V., Lisitsa, V., Reshetova, G., Tcheverda, V. Local time-space mesh refinement for simulation of elastic wave propagation in multi-scale media [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2015, Roč. 281, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 669 - 689

2016 [1/12] / NLD - Lisitsa, V. Dispersion analysis of discontinuous Galerkin method on triangular mesh for elastic wave equation [elektronický dokument] In: Applied Mathematical Modelling: simulation & computation for engineering & environmental systems. Amsterdam: Elsevier, 2016, Roč. 40, č. 7-8, [tlačená forma] [online]. ISSN 0307-904X. ISSN (online) 1872-8480. - SCIE ; WOS CC, 5077 - 5095

2018 [1/12] / neurčené - Anufrieva, A. A., Rung, E. V., Tumakov, D. N. Second-Order Accurate Finite-Difference Scheme for Solving the Problem of Elastic Wave Diffraction by the Anisotropic Gradient Layer In: Lobachevskii Journal of Mathematics, 2018, Roč. 39, č. 8. - SCIE ; SCO ; WOS CC, 1053 - 1065

2018 [1/12] / neurčené - Favorskaya, A. V., Petrov, I. B. Grid-Characteristic Method In: Innovations in Wave Processes Modelling and Decision Making: Grid-Characteristic Method and Applications : Smart

Innovation Systems and Technologies. Berlin: Springer Nature. Springer-VDI-Verlag, 2018. - BKCI-S ; SCO ; WOS CC, 117 - 160

2018 [1/12] / USA - Solymosi, B., Favretto-Cristini, N., Monteiller, V., Komatitsch, D., Cristini, P., Arntsen, B., Ursin, B. How to adapt numerical simulation of wave propagation and ultrasonic laboratory experiments to be comparable - A case study for a complex topographic model [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2018, Roč. 83, č. 4, 195- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2019 [1/12] / neurčené - Tumakov, D. N., Rung, E. V., Danilova, A. V. Solving the Problem of Elastic Waves Diffraction by a Fluid-Saturated Porous Gradient Layer Using a Second-Order Finite-Difference Scheme In: Lobachevskii Journal of Mathematics, 2019, Roč. 40, č. 10. - SCIE ; SCO ; WOS CC, 1739 - 1752

2020 [1/12] / neurčené - Kordjazi, A., Coe, T.J., Afanasiev, M. The Use of the Spectral Element Method for Modeling Stress Wave Propagation in Non-Destructive Testing Applications for Drilled Shafts In: Modeling, Geomaterials, and Site Characterization (Geo-Congress 2020) ; Geotechnical Special Publication, No. 317. New York: American Soc. Civil Engineers, 2020. - CPCI-S ; SCO ; WOS CC, 434 - 443

2020 [1/12] / neurčené - Tan, W., Wu, B., Li, B., Lei, J. Seismic wave simulation using a trapezoid grid pseudo-spectral method In: Shiyou Diqiu Wuli Kantan/Oil Geophysical Prospecting, 2020, Roč. 55, č. 6. - SCO, 1282 - 1291

2022 [1/20] / USA - Zhou, Hongyu, Liu, Yang, Wang, Jing. Time–space domain scalar wave modeling by a novel hybrid staggered-grid finite-difference method with high temporal and spatial accuracies [elektronický dokument]. DOI 10.1016/j.jcp.2022.111004 In: Journal of Computational Physics. San Diego : American Academic Press, 2022, č. 455, art. no. 111004 [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCO ; SCIE ; CCC ; WOS CC, art. no. 111004

2022 [1/20] / USA - Zhou, Hongyu, Liu, Yang, Wang, Jing. Elastic Wave Modeling with High-Order Temporal and Spatial Accuracies by a Selectively Modified and Linearly Optimized Staggered-Grid Finite-Difference Scheme [elektronický dokument]. DOI 10.1109/TGRS.2021.3078626 In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2022, č. 60, art. no. 3000122 [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCO ; SCIE ; CCC ; WOS CC, art. no. 3000122

2020 [1/12] / CHN - Zou, Q. – Huang, J.P. – Yong, P. – Li, Z.C. 3D elastic waveform modeling with an optimized equivalent staggered-grid finite-difference method [elektronický dokument] In: Petroleum Science. Peking: KEAI publishing, 2020, Roč. 17, č. 4, [tlačená forma] [online]. ISSN 16725107. ISSN (online) 19958226. - SCIE ; SCO ; WOS CC, 967 - 989

2021 [1/12] / neurčené - Hu, Z., Liu, W., Yong, X., Wang, X., Han, L., Tian, Y. Mixed-grid finite-difference method for numerical simulation of 3D wave equation in the time-space domain In: Acta Geophysica Sinica, 2021, Roč. 64, č. 8. ISSN 00015733. - SCIE ; SCO ; WOS CC, 2809 - 2828

2022 [1/20] / CHE - Liu, W., Hu, Z., Yong, X., Peng, G., Xu, Z., Han, L. Wave Equation Numerical Simulation and RTM With Mixed Staggered-Grid Finite-Difference Schemes In: Frontiers in Earth Science. Lausanne: Frontiers Media, 2022, Roč. 10, [online]. ISSN 2296-6463. - SCIE ; SCO ; WOS CC, art. no. 873541

2022 [1/20] / USA - Ilyashenko, A. Propagation of a Flat Shock Front in an Elastic Layer [elektronický dokument] In: Mechanics of Solids. New York: Pleiades Publishing, 2022, Roč. 57, č. 5, [tlačená forma] [online]. ISSN 0025-6544. ISSN (online) 1934-7936. - SCIE ; SCO ; WOS CC, 1078 - 1085

2023 [1/20] / GBR - Bergamo, P., Marano, S., Fah, D. Joint estimation of S-wave velocity and damping ratio of the near-surface from active Rayleigh wave surveys processed with a wavefield decomposition approach [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 233, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1560 - 1579

2024 [1/20] / NLD - Asfour, K., Martin, R., Baz, D. El, Bodet, L., Plazolles, B. Impact of Source Modelling

and Poroelastic Models on Numerical Modelling of Unconsolidated Granular Media [elektronický dokument]: Application at the Laboratory Scale. DOI 10.1007/s10712-023-09812-w In: Surveys in Geophysics: an international review journal of geophysics and planetary sciences: an International Review Journal Covering the Entire Field of Geosciences and Related Areas. [Amsterdam]: Springer Nature, 2024, Roč. 45, č. 2, s. 489-524 [tlačená forma] [online]. ISSN 0169-3298. ISSN (online) 1573-0956. - SCO ; WOS CC ; CCC ; SCIE, 489 - 524

ADC_025 / Skarlatoudis, A. A. (Autor) (26.667%) - Papazachos, C. B. (Autor) (26.666%) - Theodoulidis, N. (Autor) (26.667%) - Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (10%) - Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (10%): Local site-effects for the city of Thessaloniki (N. Greece) using a 3-D finite-difference method : a case of complex dependence on source and model parameters. – text. – DOI 10.1111/j.1365-246X.2010.04606.x. – SCO ; WOS CC ; SCIE ; CCC

In: *Geophysical Journal International* [textový dokument (print)] [elektronický dokument] . – Oxford (Veľká Británia) : Oxford University Press. – ISSN 0956-540X. – ISSN (online) 1365-246X. – Roč. 182, č. 1 (2010), s. 279-298 [tlačená forma] [online]

Počet všetkých autorov: 5

[článok]

Lit.: 44

[OV 092 Vedy o Zemi a vesmíre]

Ohlasy (3):

2012 [1/12] / GBR - Qin, Y. F., Wang, Y. B., Takenaka, H., Zhang, X. B. Seismic ground motion amplification in a 3D sedimentary basin: the effect of the vertical velocity gradient [elektronický dokument] In: *Journal of Geophysics and Engineering*. Oxford: Oxford University Press, 2012, Roč. 9, č. 6, [tlačená forma] [online]. ISSN 1742-2132. ISSN (online) 1742-2140. - SCIE ; SCO ; WOS CC, 761 - 772

2017 [1/12] / NLD - Smerzini, C., Pitilakis, K., Hashemi, K. Evaluation of earthquake ground motion and site effects in the Thessaloniki urban area by 3D finite-fault numerical simulations [elektronický dokument] In: *Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering*. Dordrecht: Springer Nature. Springer International Publishing AG, 2017, Roč. 15, č. 3, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 787 - 812

2022 [1/20] / SGP - Parla, R., Somala, S. N. Seismic Ground Motion Amplification in a 3D Sedimentary Basin: Source Mechanism and Intensity Measures [elektronický dokument] In: *Journal of Earthquake and Tsunami*. Singapur: World Scientific Publishing, 2022, Roč. 16, č. 4, [tlačená forma] [online]. ISSN 1793-4311. ISSN (online) 1793-7116. - SCIE ; SCO ; WOS CC, art. no. 2250008

ADC_026 / Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (45%) - Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (40%) - Gális, Martin (Autor) [Výskumný pracovník - výskumník] [UKOMFKAFZM] (15%): A brief summary of some PML formulations and discretizations for the velocity-stress equation of seismic motion. – text, tab., obr. – DOI 10.1007/s11200-009-0034-6. – SCO ; WOS CC ; SCIE ; CCC

In: *Studia Geophysica et Geodaetica* [textový dokument (print)] [elektronický dokument] : a journal of geophysics, meteorology and climatology, geodesy. – Praha (Česko) : Akademie věd České republiky. Geofyzikální ústav AV ČR. – ISSN 0039-3169. – ISSN (online) 1573-1626. – Roč. 53, č. 4 (2009), s. 459-474 [tlačená forma] [online]

Počet všetkých autorov: 3

[článok]

Lit.: 23

[OV 092 Vedy o Zemi a vesmíre]

Ohlasy (41):

2010 [1/12] / neurčené - Martin, R., Komatitsch, D., Gedney, S. D., Bruthiaux, E. A high-order time and space formulation of the unsplit perfectly matched layer for the seismicwave equation using auxiliary differential equations (ADE-PML) In: *CMES - Computer Modeling in Engineering and Sciences*, 2010, Roč. 56, č. 1. - SCIE ; SCO ; WOS CC, 17 - 40

2010 [1/12] / GBR - Michea, D., Komatitsch, D. Accelerating a three-dimensional finite-difference wave propagation code using GPU graphics cards [elektronický dokument] In: *Geophysical Journal International*. Oxford: Oxford University Press, 2010, Roč. 182, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 389 - 402

2010 [1/12] / neurčené - Zhang, L. X., Fu, L. Y., Pei, Z. L. Finite difference modeling of Blot's poroelastic equations with unsplit convolutional PML and rotated staggered grid In: *Chinese Journal of*

2011 [1/12] / neurčené - Fichtner, A. Full seismic waveform modelling and inversion : Advances in Geophysical and Environmental Mechanics and Mathematics [textový dokument (print)] . Berlin: Springer, 2011. 1 vyd. - BKCI-S ; WOS CC, 1

2011 [1/12] / GBR - Skarlatoudis, A. A., Papazachos, C. B., Theodoulidis, N. Spatial distribution of site effects and wave propagation properties in Thessaloniki (N. Greece) using a 3-D finite difference method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2011, Roč. 185, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 485 - 513

2012 [1/12] / USA - Skarlatoudis, A. A., Papazachos, C. B., Theodoulidis, N. Site-response study of Thessaloniki (Northern Greece) for the 4 July 1978 M 5.1 aftershock of the June 1978 M 6.5 sequence using a 3D finite-difference approach [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2012, Roč. 102, č. 2, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 722 - 737

2013 [1/12] / GBR - Long, G., Zhao, Y., Zou, J. A temporal fourth-order scheme for the first-order acoustic wave equations [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2013, Roč. 194, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1473 - 1485

2013 [1/12] / CHE - Maeda, T., Furumura, T. FDM simulation of seismic waves, ocean acoustic waves, and tsunamis based on tsunami-coupled equations of motion [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2013, Roč. 170, č. 1-2, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; WOS CC, 109 - 127

2017 [1/12] / neurčené - Maeda, T., Takemura, S., Furumura, T. OpenSWPC: an open-source integrated parallel simulation code for modeling seismic wave propagation in 3D heterogeneous viscoelastic media. DOI 10.1186/s40623-017-0687-2 In: Earth Planets and Space, 2017, Roč. 69. - SCIE ; WOS CC, Art. No. 102

2018 [1/12] / USA - Li, Q.L., Jia, X.F. A generalized average-derivative optimal finite-difference scheme for 2D frequency-domain acoustic-wave modeling on continuous nonuniform grids [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2018, Roč. 83, č. 5, 265- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2014 [1/12] / USA - Chen, H., Zhou, H., Li, Y. Application of unsplit convolutional perfectly matched layer for scalar arbitrarily wide-angle wave equation [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2014, Roč. 79, č. 6, 313- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2016 [1/12] / USA - Lisitsa, V., Tcheverda, V., Botter, C. Combination of the discontinuous Galerkin method with finite differences for simulation of seismic wave propagation [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2016, Roč. 311, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 142 - 157

2014 [1/12] / NLD - Zak, A., Krawczuk, M., Skarbak, L., Palacz, M. Numerical analysis of elastic wave propagation in unbounded structures [elektronický dokument] In: Finite Elements in Analysis and Design. Amsterdam: Elsevier, 2014, Roč. 90, [tlačená forma] [online]. ISSN 0168-874X. ISSN (online) 1872-6925. - SCIE ; SCO ; WOS CC, 1 - 10

2014 [1/12] / GBR - Zhang, Z., Zhang, W., Chen, X. Complex frequency-shifted multi-axial perfectly matched layer for elastic wave modelling on curvilinear grids [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2014, Roč. 198, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 140 - 153

2016 [1/12] / neurčené - Morvaridi, M., Brun, M. Perfectly matched layers for flexural waves: An exact analytical model In: International journal of solids and structures, 2016, Roč. 102-103, [tlačená forma]. ISSN 0020-7683. - SCIE ; SCO ; WOS CC, 1 - 9

2016 [1/12] / GBR - Ping, P., Zhang, Y., Xu, Y., Chu, R. Efficiency of perfectly matched layers for seismic wave modeling in second-order viscoelastic equations [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 207, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1367 - 1386

2017 [1/12] / GBR - Feng, H.K. – Zhang, W. – Zhang, J. – Chen, X.F. Importance of double-pole CFS-PML for broad-band seismic wave simulation and optimal parameters selection [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 209, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 1148 - 1167

2017 [1/12] / GBR - Gao, Y., Song, H., Zhang, J., Yao, Z. Comparison of artificial absorbing boundaries for acoustic wave equation modelling [elektronický dokument] In: Exploration Geophysics. Abingdon: Taylor & Francis Group, 2017, Roč. 48, č. 1, [tlačená forma] [online]. ISSN 08123985. ISSN (online) 18347533. - SCIE ; SCO ; WOS CC, 76 - 93

2018 [1/12] / GBR - Asadollahi, A. – Khazanovich, L. Analytical reverse time migration: An innovation in imaging of infrastructures using ultrasonic shear waves [elektronický dokument]. DOI 10.1016/j.ultras.2018.04.005 In: Ultrasonics. Guildford: Butterworth Scientific, 2018, Roč. 88, [tlačená forma] [online]. ISSN 0041-624X. ISSN (online) 1874-9968. - SCIE ; WOS CC, 185 - 192

2018 [1/12] / USA - Liu, F. – Ying, L.X. Sparsify and Sweep: An Efficient Preconditioner for the Lippmann- Schwinger Equation [elektronický dokument] In: SIAM Journal on Scientific Computing: a publication of the Society for Industrial and Applied Mathematics. Philadelphia: Society for Industrial and Applied Mathematics, 2018, Roč. 40, č. 2, 379- [tlačená forma] [online]. ISSN 1064-8275. ISSN (online) 1095-7197. - SCIE ; WOS CC

2018 [1/12] / neurčené - Morvaridi, M. – Brun, M. Perfectly matched layers for flexural waves in Kirchhof-Love plates. DOI 10.1016/j.ijsolstr.2017.11.009 In: International journal of solids and structures, 2018, Roč. 134, [tlačená forma]. ISSN 0020-7683. - SCIE ; WOS CC, 293 - 303

2018 [1/12] / USA - Solymosi, B., Favretto-Cristini, N., Monteiller, V., Komatitsch, D., Cristini, P., Arntsen, B., Ursin, B. How to adapt numerical simulation of wave propagation and ultrasonic laboratory experiments to be comparable - A case study for a complex topographic model [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2018, Roč. 83, č. 4, 195- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2019 [1/12] / GBR - Asadollahi, A. – Khazanovich, L. Numerical investigation of the effect of heterogeneity on the attenuation of shear waves in concrete [elektronický dokument]. DOI 10.1016/j.ultras.2018.07.011 In: Ultrasonics. Guildford: Butterworth Scientific, 2019, Roč. 91, [tlačená forma] [online]. ISSN 0041-624X. ISSN (online) 1874-9968. - SCIE ; SCO ; WOS CC, 34 - 44

2019 [1/12] / GBR - Asadollahi, A. – Khazanovich, L. Analytical reverse time migration with new imaging conditions for one-sided nondestructive evaluation of concrete elements using shear waves [elektronický dokument]. DOI 10.1016/j.ultras.2019.105960 In: Ultrasonics. Guildford: Butterworth Scientific, 2019, Roč. 99, [tlačená forma] [online]. ISSN 0041-624X. ISSN (online) 1874-9968. - SCIE ; SCO ; WOS CC, Art. No. UNSP

2022 [1/20] / USA - Zhou, Hongyu, Liu, Yang, Wang, Jing. Time–space domain scalar wave modeling by a novel hybrid staggered-grid finite-difference method with high temporal and spatial accuracies [elektronický dokument]. DOI 10.1016/j.jcp.2022.111004 In: Journal of Computational Physics. San Diego : American Academic Press, 2022, č. 455, art. no. 111004 [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCO ; SCIE ; CCC ; WOS CC, art. no. 111004

2022 [1/20] / USA - Zhou, Hongyu, Liu, Yang, Wang, Jing. Elastic Wave Modeling with High-Order Temporal and Spatial Accuracies by a Selectively Modified and Linearly Optimized Staggered-Grid Finite-Difference Scheme [elektronický dokument]. DOI 10.1109/TGRS.2021.3078626 In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2022, č. 60, art. no. 3000122 [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCO ; SCIE ; CCC ; WOS CC, art. no. 3000122

2020 [1/12] / neurčené - Seriani, G., Oliveira, S. P. Numerical modeling of mechanical wave propagation

In: Rivista del Nuovo Cimento, 2020, Roč. 43, č. 9. - SCIE ; SCO ; WOS CC, 459 - 514

2022 [1/20] / USA - Tang, J., Zhou, H., Jiang, C., Xia, M., Chen, H., Zheng, J. A Perfectly Matched Layer Technique Applied to Lattice Spring Model in Seismic Wavefield Forward Modeling for Poisson's Solids [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2022, Roč. 112, č. 2, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 608 - 621

2019 [1/12] / GBR - Serdyukov, A. – Koulakov, I. – Yablokov, A. Numerical modelling of seismic waves from earthquakes recorded by a network on ice floes [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 218, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 74 - 87

2020 [1/12] / USA - Premus, J., Gallovic, F., Hanyk, L., Gabriel, A. A. FD3D_TSN: A Fast and Simple Code for Dynamic Rupture Simulations with GPU Acceleration [elektronický dokument] In: Seismological Research Letters. Albany: Seismological Society of America, 2020, Roč. 91, č. 5, [tlačená forma] [online]. ISSN 0895-0695. ISSN (online) 1938-2057. - SCIE ; WOS CC, 2881 - 2889

2021 [1/12] / USA - Valentová, L., Gallovič, F., Hok, S. Near-Source Ground Motions and Their Variability Derived from Dynamic Rupture Simulations Constrained by NGA-West2 GMPEs [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2021, Roč. 111, č. 5, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2559 - 2573

2022 [1/20] / NLD - Pled, F., Desceliers, C. Review and Recent Developments on the Perfectly Matched Layer (PML) Method for the Numerical Modeling and Simulation of Elastic Wave Propagation in Unbounded Domains [elektronický dokument] In: Archives of Computational Methods in Engineering. Amsterdam: Springer Nature, 2022, Roč. 29, č. 1, [tlačená forma] [online]. ISSN 1134-3060. ISSN (online) 1886-1784. - SCIE ; SCO ; WOS CC, 471 - 518

2022 [1/20] / USA - Wang, Y., Bai, M., Yang, L., Zhao, X., Saad, O. M., Chen, Y. An Unsplit CFS-PML Scheme for the Second-Order Wave Equation With Its Application in Fractional Viscoacoustic Simulation [elektronický dokument] In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2022, Roč. 60, [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCIE ; SCO ; WOS CC, art. no. 5905211

2022 [1/20] / GBR - Korkut, F., Mengi, Y., Tokdemir, T. On the use of complex stretching coordinates in generalized finite difference method with applications in inhomogeneous visco-elasto dynamics In: Engineering analysis with boundary elements: the international journal for boundary element research and applications. Southampton: Computational Mechanics Publications, 2022, Roč. 134, [tlačená forma]. ISSN 0955-7997. - SCIE ; SCO ; WOS CC, 466 - 490

2022 [1/20] / CHE - Gao, Y., Zhu, M.-H. Application of the Reflectionless Discrete Perfectly Matched Layer for Acoustic Wave Simulation In: Frontiers in Earth Science. Lausanne: Frontiers Media, 2022, Roč. 10, [online]. ISSN 2296-6463. - SCIE ; SCO ; WOS CC, art. no. 883160

2021 [1/20] / JPN - Sookpuwong, C., Chompoo-inwai, C. ANC System Modeling and Simulations in a Wide-Area Virtual Environment Using FDTD Approach with Perfectly Matched Layer Absorbing Boundaries [elektronický dokument] In: International Journal of Intelligent Engineering and Systems. Fukuoka: Intelligent Network and Systems Society, 2021, Roč. 14, č. 6, [tlačená forma] [online]. ISSN 2185-310X. ISSN (online) 2185-3118. - SCO, 427 - 441

2023 [1/20] / DEU - Spa, Carlos, Rojas, Otilio, de la Puente, Josep. Calibration of absorbing boundary layers for geoaoustic wave modeling in pseudo-spectral time-domain methods [elektronický dokument]. DOI 10.5194/gmd-16-7237-2023 In: Geoscientific Model Development. Gottingen: Copernicus Gesellschaft, 2023, Roč. 16, č. 24, s. 7237-7252 [tlačená forma] [online]. ISSN 1991-959X. ISSN (online) 1991-9603. - SCO ; WOS CC ; CCC ; SCIE, 7237 - 7252

2024 [1/20] / NLD - Zhang, Guoliang, Zhao, Mi, Zhang, Junqi, Du, Xiuli. Prismatic-element SBPML coupled with SBFEM for 3D infinite transient wave problems [elektronický dokument]. DOI 10.1016/j.cma.2024.117014 In: Computer Methods in Applied Mechanics and Engineering. Amsterdam: Elsevier, 2024, Roč. 427, art. no. 117014 [tlačená forma] [online]. ISSN 0045-7825. ISSN (online) 1879-2138. - SCO ; WOS CC ; CCC ; SCIE, art. no. 117014

2024 [1/20] / GBR - Ortiz, Fabián, Pastén, César, Bustos, José, Ruiz, Sergio, Astroza, Rodrigo, Easton, Gabriel. Soil amplification in the Santiago city, Chile, due to shallow crustal earthquakes [elektronický dokument]. DOI 10.1016/j.soildyn.2024.108633 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2024, Roč. 181, art. no. 108633 [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCO ; WOS CC ; CCC ; SCIE, art. no. 108633

2023 [1/20] / USA - Gallovic, F., Valentova, L. Broadband Strong Ground Motion Modeling Using Planar Dynamic Rupture With Fractal Parameters [elektronický dokument]. DOI 10.1029/2023JB026506 In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2023, Roč. 128, č. 6, art. no. e2023JB026506, s. [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chýbné) 0148-0227. - WOS CC ; CCC ; SCIE ; SCO, art. no. e2023JB026506

2023 [1/20] / USA - Zhang, Guoliang, Zhao, Mi, Du, Xiuli, Zhang, Junqi. Time-domain scaled boundary perfectly matched layer for elastic wave propagation [elektronický dokument]. DOI 10.1002/nme.7300 In: International Journal for Numerical Methods in Engineering. [s.l.]: John Wiley & Sons, 2023, Roč. 124, č. 18, s. 3906-3934 [tlačená forma] [online]. ISSN 0029-5981. ISSN (online) 1097-0207. - SCO ; WOS CC ; CCC ; SCIE, 3906 - 3934

ADC_027 / Kristeková, Miriam (Autor) (45%) - Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (30%) - Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (25%): Time-frequency misfit and goodness-of-fit criteria for quantitative comparison of time signals. – text, obr. – DOI 10.1111/j.1365-246X.2009.04177.x. – SCO ; WOS CC ; SCIE ; CCC

In: *Geophysical Journal International* [textový dokument (print)] [elektronický dokument] . – Oxford (Veľká Británia) : Oxford University Press. – ISSN 0956-540X. – ISSN (online) 1365-246X. – Roč. 178, č. 2 (2009), s. 813-825 [tlačená forma] [online]

Počet všetkých autorov: 3

[článok]

Lit.: 24

[OV 092 Vedy o Zemi a vesmíre]

Ohlasy (148):

2010 [1/12] / GBR - Chen, P., Jordan, T. H., Lee, E. J. Perturbation kernels for generalized seismological data functionals (GSDF) [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2010, Roč. 183, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 869 - 883

2010 [1/12] / GBR - Klin, P., Priolo, E., Seriani, G. Numerical simulation of seismic wave propagation in realistic 3-D geo-models with a Fourier pseudo-spectral method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2010, Roč. 183, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 905 - 922

2010 [1/12] / GBR - Miksat, J., Wen, K. L., Wenzel, F., Sokolov, V., Chen, C. T. Numerical modelling of ground motion in the Taipei Basin: Basin and source effects [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2010, Roč. 183, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1633 - 1647

2010 [1/12] / GBR - Pelties, C., Kaser, M., Hermann, V., Castro, C. E. Regular versus irregular meshing for complicated models and their effect on synthetic seismograms [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2010, Roč. 183, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1031 - 1051

2011 [1/12] / USA - de Martin, F. Verification of a spectral-element method code for the southern California Earthquake Center LOH.3 viscoelastic case [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2011, Roč. 101, č. 6, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2855 - 2865

2011 [1/12] / neurčené - Fichtner, A. Full seismic waveform modelling and inversion : Advances in Geophysical and Environmental Mechanics and Mathematics [textový dokument (print)] . Berlin: Springer, 2011. 1 vyd. - BKCI-S ; WOS CC, 1

2012 [1/12] / neurčené - Mazzieri, I., Smerzini, C., Antonietti, P. F., Rapetti, F., Stupazzini, M., Paolucci,

R., Quarteroni, A. Non-conforming spectral approximations for the elasticwave equation in heterogeneous media In: COMPDYN 2011 : Computational Methods in Structural Dynamics and Earthquake Engineering. Athens: National Technical University, 2012. - SCO, 3189

2012 [1/12] / USA - Nakamura, T., Takenaka, H., Okamoto, T., Kaneda, Y. FDM simulation of seismic-wave propagation for an aftershock of the 2009 Suruga bay earthquake: Effects of ocean-bottom topography and seawater layer [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2012, Roč. 102, č. 6, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2420 - 2435

2012 [1/12] / GBR - Zhang, W., Zhang, Z., Chen, X. Three-dimensional elastic wave numerical modelling in the presence of surface topography by a collocated-grid finite-difference method on curvilinear grids [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2012, Roč. 190, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 358 - 378

2013 [1/12] / neurčené - Rabinovich, D., Givoli, D., Hagstrom, T., Bielak, J. Stress-velocity complete radiation boundary conditions In: Journal of Computational Acoustics, 2013, Roč. 21, č. 3. - SCIE ; SCO ; WOS CC, Art. No. 1350003

2012 [1/12] / GBR - Zhang, W., Shen, Y., Zhao, L. Three-dimensional anisotropic seismic wave modelling in spherical coordinates by a collocated-grid finite-difference method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2012, Roč. 188, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1359 - 1381

2014 [1/12] / GBR - Liu, Y. Optimal staggered-grid finite-difference schemes based on least-squares for wave equation modelling [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2014, Roč. 197, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1033 - 1047

2014 [1/12] / USA - Balasco, M., Lapenna, V., Romano, G., Siniscalchi, A., Stabile, T. A., Telesca, L. Electric and magnetic field changes observed during a seismic swarm in Pollino Area (Southern Italy) [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2014, Roč. 104, č. 3, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1289 - 1298

2013 [1/12] / GBR - Long, G., Zhao, Y., Zou, J. A temporal fourth-order scheme for the first-order acoustic wave equations [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2013, Roč. 194, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1473 - 1485

2012 [1/12] / neurčené - Seriani, G., Su, C. A poly-grid SEM approach for wave modeling in complex media In: ECCOMAS 2012 - European Congress on Computational Methods in Applied Sciences and Engineering,. Vienna: University of Technology, 2012. - SCO, 1520 - 1527

2013 [1/12] / CHE - Aochi, H., Ducellier, A., Dupros, F., Delatre, M., Ulrich, T., de Martin, F., Yoshimi, M. Finite difference simulations of seismic wave propagation for the 2007 Mw 6.6 Niigata-ken Chuetsu-Oki earthquake: Validity of models and reliable input ground motion in the near-field [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazel: Springer Nature. Springer International Publishing AG, 2013, Roč. 170, č. 1-2, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 43 - 64

2013 [1/12] / USA - Balde, Q. P. E., Ichimura, T., Hori, M., Nishida, A., Yoshimura, S. Seismic structural response Estimates of a fault-structure system model with fine resolution using multiscale analysis with parallel simulation of seismic-wave propagation [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2013, Roč. 103, č. 3, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2094 - 2110

2013 [1/12] / USA - Taborda, R., Bielak, J. Ground-motion simulation and validation of the 2008 chino Hills, California, earthquake [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2013, Roč. 103, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 131 - 156

2014 [1/12] / neurčené - Favretto-Cristini, N., Tantsereva, A., Cristini, P., Ursin, B., Komatitsch, D., Aizenberg, A. Numerical modeling of zero-offset laboratory data in a strong topographic environment: results for a spectral-element method and a discretized Kirchhoff integral method [elektronický dokument] In: Earthquake Science, 2014, Roč. 27, č. 4. ISSN 16744519. ISSN (online) 18678777. - ESCI ; SCO ; WOS CC, 391 - 399

2014 [1/12] / neurčené - Ichimura, T., Fujita, K., Hori, M., Sakanoue, T., Hamanaka, R. Three-dimensional nonlinear seismic ground response analysis of local site effects for estimating seismic behavior of buried pipelines In: Journal of Pressure Vessel Technology, Transactions of the ASME, 2014, Roč. 136, č. 4. - SCIE ; SCO ; WOS CC, Art. No. 041702

2014 [1/12] / USA - Lee, E. J., Chen, P., Jordan, T. H. Testing waveform predictions of 3D velocity models against two recent Los Angeles earthquakes [elektronický dokument] In: Seismological Research Letters. Albany: Seismological Society of America, 2014, Roč. 85, č. 6, [tlačená forma] [online]. ISSN 0895-0695. ISSN (online) 1938-2057. - SCIE ; SCO ; WOS CC, 1275 - 1284

2014 [1/12] / neurčené - Nissen-Meyer, T., van Driel, M., Staehler, S. C., Hosseini, K., Hempel, S., Auer, L., Colombi, A., Fournier, A. AxiSEM: broadband 3-D seismic wavefields in axisymmetric media [elektronický dokument] In: Solid Earth: an Interactive Open-access Journal of the European Geosciences Union, 2014, Roč. 5, č. 1, [tlačená forma]. ISSN 1869-9510. ISSN (online) 1869-9529. - SCIE ; SCO ; WOS CC, 425 - 445

2014 [1/12] / USA - Taborda, R., Bielak, J. Ground-motion simulation and validation of the 2008 Chino Hills, California, earthquake using different velocity models [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2014, Roč. 104, č. 4, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1876 - 1898

2014 [1/12] / USA - Tantsereva, A., Ursin, B., Favretto-Cristini, N., Cristini, P., Aizenberg, A. M. Numerical modeling of 3D zero-offset laboratory data by a discretized Kirchhoff integral method [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2014, Roč. 79, č. 2, 77- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2014 [1/12] / GBR - van Driel, M., Nissen-Meyer, T. Optimized viscoelastic wave propagation for weakly dissipative media [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2014, Roč. 199, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1078 - 1093

2015 [1/12] / USA - Gao, L., Brossier, R., Pajot, B., Tago, J., Virieux, J. An immersed free-surface boundary treatment for seismic wave simulation [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2015, Roč. 80, č. 5, 193- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2015 [1/12] / GBR - Mercierat, E. D., Glinsky, N. A nodal high-order discontinuous Galerkin method for elastic wave propagation in arbitrary heterogeneous media [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2015, Roč. 201, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1101 - 1118

2015 [1/12] / USA - Sun, W., Zhou, B., Fu, L. Y. A staggered-grid convolutional differentiator for elastic wave modelling [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2015, Roč. 301, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 59 - 76

2016 [1/12] / GBR - Wang, E., Liu, Y., Sen, M. K. Effective finite-difference modelling methods with 2-D acoustic wave equation using a combination of cross and rhombus stencils [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 206, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1933 - 1958

2016 [1/12] / USA - Yang, G., Chen, Y., Song, G., Yang, Y., Luo, C., Jin, J., Li, S. An NAD scheme with wavenumber error optimized for 2D scalar wave equation [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2016, Roč. 106, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 189 - 203

2017 [1/12] / GBR - Ma, X., Yang, D. H. A phase-preserving and low-dispersive symplectic partitioned Runge-Kutta method for solving seismic wave equations [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 209, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 1534 - 1557

2014 [1/12] / GBR - van Driel, M., Nissen-Meyer, T. Seismic wave propagation in fully anisotropic axisymmetric media [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2014, Roč. 199, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 880 - 893

2017 [1/12] / neurčené - Breuer, A., Heinecke, A., Cui, Y. EDGE: Extreme Scale Fused Seismic Simulations with the Discontinuous Galerkin Method In: High Performance Computing (Isc High Performance 2017) : Lecture Notes in Computer Science. Cham: Springer International Publishing Ag, 2017. - CPCI-S ; SCO ; WOS CC, 41 - 60

2017 [1/12] / GBR - Sun, Y. C., Zhang, W., Xu, J. K., Chen, X. Numerical simulation of 2-D seismic wave propagation in the presence of a topographic fluid-solid interface at the sea bottom by the curvilinear grid finite-difference method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 210, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1721 - 1738

2015 [1/12] / USA - Withers, K. B., Olsen, K. B., Day, S. M. Memory-Efficient Simulation of Frequency-Dependent Q [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2015, Roč. 105, č. 6, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 3129 - 3142

2016 [1/12] / GBR - Blanc, E., Komatitsch, D., Chaljub, E., Lombard, B., Xie, Z. Highly accurate stability-preserving optimization of the Zener viscoelastic model, with application to wave propagation in the presence of strong attenuation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 205, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 427 - 439

2016 [1/12] / GBR - Fan, N., Zhao, L. F., Xie, X. B., Ge, Z., Yao, Z. X. Two-dimensional time-domain finite-difference modeling for viscoelastic seismic wave propagation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 206, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1539 - 1551

2015 [1/12] / GBR - He, X., Yang, D., Wu, H. A weighted Runge-Kutta discontinuous Galerkin method for wavefield modelling [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2015, Roč. 200, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1389 - 1410

2015 [1/12] / ITA - Balasco, M., Lapenna, V., Romano, G., Siniscalchi, A., Stabile, T. A., Telesca, L. The Pollino 2011-2012 seismic swarm (southern Italy): first results of the M-L=3.6 aftershock recorded by co-located electromagnetic and seismic stations [elektronický dokument] In: Bollettino di Geofisica Teorica ed Applicata. Sgonico TS: Istituto Nazionale di Oceanografia e di Geofisica Sperimentale, 2015, Roč. 56, č. 2, [tlačená forma] [online]. ISSN 0006-6729. ISSN (online) 2239-5695. - SCIE ; SCO ; WOS CC, 203 - 210

2015 [1/12] / USA - Barall, M., Harris, R. Metrics for comparing dynamic earthquake rupture simulations [elektronický dokument] In: Seismological Research Letters. Albany: Seismological Society of America, 2015, Roč. 86, č. 1, [tlačená forma] [online]. ISSN 0895-0695. ISSN (online) 1938-2057. - SCIE ; SCO ; WOS CC, 223 - 235

2015 [1/12] / USA - Boehm, C., Ulbrich, M. A semismooth Newton-CG method for constrained parameter identification in seismic tomography [elektronický dokument] In: SIAM Journal on Scientific Computing: a publication of the Society for Industrial and Applied Mathematics. Philadelphia: Society for Industrial and Applied Mathematics, 2015, Roč. 37, č. 5, 334- [tlačená forma] [online]. ISSN 1064-8275. ISSN (online) 1095-7197. - SCIE ; SCO ; WOS CC

2015 [1/12] / GBR - De Basabe, J. D., Sen, M. K. A comparison of finite-difference and spectral-element methods for elastic wave propagation in media with a fluid-solid interface [elektronický dokument] In:

Geophysical Journal International. Oxford: Oxford University Press, 2015, Roč. 200, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 278 - 298

2015 [1/12] / GBR - Razafindrakoto, H. N. T., Mai, P. M., Genton, M. G., Zhang, L., Thingbaijam, K. K. S. Quantifying variability in earthquake rupture models using multidimensional scaling: application to the 2011 Tohoku earthquake [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2015, Roč. 202, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 17 - 40

2015 [1/12] / neurčené - van Driel, M., Krischer, L., Staehler, S. C., Hosseini, K., Nissen-Meyer, T. Instaseis: instant global seismograms based on a broadband waveform database [elektronický dokument] In: Solid Earth: an Interactive Open-access Journal of the European Geosciences Union, 2015, Roč. 6, č. 2, [tlačená forma]. ISSN 1869-9510. ISSN (online) 1869-9529. - SCIE ; SCO ; WOS CC, 701 - 717

2015 [1/12] / neurčené - Weber, J., Das, R., Battley, M. Slamming induced loads on a rigid cylinder and comparison with rigid wedges In: 5th High Performance Yacht Design Conference, HPYD 2015. London: RINA, 2015. - SCO, 86 - 95

2015 [1/12] / USA - Wolin, E., van der Lee, S., Bollmann, T., Wiens, D., Revenaugh, J., Darbyshire, F., Frederiksen, A., Stein, S., Wysession, M. Seasonal and diurnal variations in long-period noise at SPREE stations: The influence of soil characteristics on shallow stations' performance [elektronický dokument] In: Bulletin of the Seismological Society of America. El Cerrito: Seismological Society of America, 2015, Roč. 105, č. 5, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2433 - 2452

2016 [1/12] / NLD - Aochi, H., Yoshimi, M. Seismological asperities from the point of view of dynamic rupture modeling: the 2007 Mw6.6 Chuetsu-Oki, Japan, earthquake [elektronický dokument] In: Journal of Seismology. Dordrecht: Springer Nature, 2016, Roč. 20, č. 4, [tlačená forma] [online]. ISSN 1383-4649. ISSN (online) 1573-157X. - SCIE ; SCO ; WOS CC, 1089 - 1105

2016 [1/12] / GBR - Gao, L., Brossier, R., Virieux, J. Using time filtering to control the long-time instability in seismic wave simulation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 204, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1443 - 1461

2016 [1/12] / GBR - Leng, K., Nissen-Meyer, T., van Driel, M. Efficient global wave propagation adapted to 3-D structural complexity: a pseudospectral/spectral-element approach [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 207, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1700 - 1721

2016 [1/12] / USA - Mai, P. M., Schorlemmer, D., Page, M., Ampuero, J. P., Asano, K., Causse, M., Custodio, S., Fan, W., Festa, G., Galis, M., Gallovic, F., Imperatori, W., Kaeser, M., Malytskyy, D., Okuwaki, R., Pollitz, F., Passone, L., Razafindrakoto, H. N. T., Sekiguchi, H., Song, S. G., Somala, S. N., Thingbaijam, K. K. S., Twardzik, C., van Driel, M., Vyas, J. C., Wang, R., Yagi, Y., Zielke, O. The Earthquake-Source Inversion Validation (SIV) Project [elektronický dokument] In: Seismological Research Letters. Albany: Seismological Society of America, 2016, Roč. 87, č. 3, [tlačená forma] [online]. ISSN 0895-0695. ISSN (online) 1938-2057. - SCIE ; SCO ; WOS CC, 690 - 708

2016 [1/12] / neurčené - Plonka, A., Blom, N., Fichtner, A. The imprint of crustal density heterogeneities on regional seismic wave propagation [elektronický dokument] In: Solid Earth: an Interactive Open-access Journal of the European Geosciences Union, 2016, Roč. 7, č. 6, [tlačená forma]. ISSN 1869-9510. ISSN (online) 1869-9529. - SCIE ; SCO ; WOS CC, 1591 - 1608

2016 [1/12] / GBR - Taborda, R., Azizzadeh-Roodpish, S., Khoshnevis, N., Cheng, K. Evaluation of the southern California seismic velocity models through simulation of recorded events [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 205, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1342 - 1364

2016 [1/12] / GBR - Yin, X., Li, K., Zong, Z. Resolution enhancement of robust Bayesian pre-stack inversion in the frequency domain [elektronický dokument] In: Journal of Geophysics and Engineering. Oxford: Oxford University Press, 2016, Roč. 13, č. 5, [tlačená forma] [online]. ISSN 1742-2132. ISSN (online) 1742-2140. - SCIE ; SCO ; WOS CC, 646 - 656

2017 [1/12] / neurčené - Carlson, C. P., Zekkos, D. A Metric to Screen Acceptable Velocity and Displacement Time Histories of Modified Ground Motions In: Earthquake Spectra, 2017, Roč. 33, č. 4. - SCIE ; WOS CC, 1495 - 1512

2017 [1/12] / USA - Moyer, P. A., Boettcher, M. S., Ellsworth, W. L., Ogasawara, H., Cichowicz, A., Birch, D., van Aswegen, G. Call for Models-A Test Case for the Source Inversion Validation: The 2014 M-L 5.5 Orkney, South Africa, Earthquake [elektronický dokument] In: Seismological Research Letters. Albany: Seismological Society of America, 2017, Roč. 88, č. 5, [tlačená forma] [online]. ISSN 0895-0695. ISSN (online) 1938-2057. - SCIE ; WOS CC, 1333 - 1338

2017 [1/12] / USA - Shi, J., Asimaki, D. From Stiffness to Strength: Formulation and Validation of a Hybrid Hyperbolic Nonlinear Soil Model for Site-Response Analyses [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2017, Roč. 107, č. 3, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; WOS CC, 1336 - 1355

2021 [1/12] / GBR - Jiang, L., Zhang, Wei. TTI equivalent medium parametrization method for the seismic waveform modelling of heterogeneous media with coarse grids [elektronický dokument]. DOI 10.1093/gji/ggab310 In: Geophysical Journal International. Oxford: Oxford University Press, 2021, Roč. 227, č. 3, s. 2016-2043 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; SCIE ; CCC, 2016 - 2043

2022 [1/20] / USA - Wang, Ning, Xing, Guangchi, Zhu, Tiejuan, Zhou, Hui, Shi, Ying. Propagating Seismic Waves in VTI Attenuating Media Using Fractional Viscoelastic Wave Equation [elektronický dokument]. DOI 10.1029/2021JB023280 In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2022, Roč. 127, č. 4, art. no. e2021JB023280 [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chybné) 0148-0227. - SCO ; WOS CC ; CCC ; SCIE, art. no. e2021JB023280

2023 [1/20] / GBR - Masson, Yder. Distributional finite-difference modelling of seismic waves [elektronický dokument]. DOI 10.1093/gji/ggac306 In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 233, č. 1, s. 264-296 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 264 - 296

2017 [1/12] / CZE - Yan, H. Y., Yang, L. Seismic modeling with an optimal staggered-grid finite-difference scheme based on combining Taylor-series expansion and minimax approximation [elektronický dokument] In: Studia Geophysica et Geodaetica: a journal of geophysics, meteorology and climatology, geodesy. Praha: Akademie věd České republiky. Geofyzikální ústav AV ČR, 2017, Roč. 61, č. 3, [tlačená forma] [online]. ISSN 0039-3169. ISSN (online) 1573-1626. - SCIE ; WOS CC, 560 - 574

2018 [1/12] / USA - Li, Q.L., Jia, X.F. A generalized average-derivative optimal finite-difference scheme for 2D frequency-domain acoustic-wave modeling on continuous nonuniform grids [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2018, Roč. 83, č. 5, 265- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2021 [1/12] / GBR - Pienkowska, M., Monteiller, V., Nissen-Meyer, T. High-frequency global wavefields for local 3-D structures by wavefield injection and extrapolation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2021, Roč. 225, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1782 - 1798

2021 [1/12] / GBR - Tchawe, F. N., Gelis, C., Bonilla, L. F., Lopez-Caballero, F. Effects of 2-D random velocity perturbations on 2-D SH short-period ground motion simulations in the basin of Nice, France [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2021, Roč. 226, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 847 - 861

2021 [1/12] / CHE - Yang, S.-B., Zhou, B., Bai, C.-Y. A Generalized 2.5-D Time-Domain Seismic Wave Equation to Accommodate Various Elastic Media and Boundary Conditions [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazel: Springer Nature. Springer International Publishing AG, 2021, Roč. 178, č. 8, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 2999 - 3025

- 2023 [1/20] / GBR** - Wang, W., Zhang, Z., Zhang, W., Liu, Q. Implementation of efficient low-storage techniques for 3-D seismic simulation using the curved grid finite-difference method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 234, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 2214 - 2230
- 2020 [1/12] / neurčené** - Wolf, S., Gabriel, A.-A., Bader, M. Optimization and local time stepping of an ader-dg scheme for fully anisotropic wave propagation in complex geometries In: 20th International Conference on Computational Science (ICCS 2020) : Lecture Notes in Computer Science. Cham: Springer, 2020. - SCO, 32 - 45
- 2018 [1/12] / USA** - Sun, Y. C., Zhang, W., Chen, X. 3D Seismic Wavefield Modeling in Generally Anisotropic Media with a Topographic Free Surface by the Curvilinear Grid Finite-Difference Method [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2018, Roč. 108, č. 3, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1287 - 1301
- 2019 [1/12] / NLD** - Heinecke, A., Breuer, A., Cui, Y. Tensor-optimized hardware accelerates fused discontinuous Galerkin simulations [elektronický dokument] In: Parallel Computing. Amsterdam: Elsevier, 2019, Roč. 89, [tlačená forma] [online]. ISSN 0167-8191. ISSN (online) 1872-7336. - SCIE ; SCO ; WOS CC, Art. No. 102550
- 2017 [1/12] / USA** - Watanabe, K., Pisano, F., Jeremic, B. Discretization effects in the finite element simulation of seismic waves in elastic and elastic-plastic media [elektronický dokument] In: Engineering with computers. New York: Springer Nature. Springer Verlag, 2017, Roč. 33, č. 3, [tlačená forma] [online]. ISSN 0177-0667. ISSN (online) 1435-5663. - SCIE ; WOS CC, 519 - 545
- 2017 [1/12] / GBR** - Yong, P., Huang, J., Li, Z., Liao, W., Qu, L., Li, Q., Liu, P. Optimized equivalent staggered-grid FD method for elastic wave modelling based on plane wave solutions [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 208, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 1157 - 1172
- 2018 [1/12] / USA** - Khoshnevis, N., Taborda, R. Prioritizing Ground-Motion Validation Metrics Using Semisupervised and Supervised Learning [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2018, Roč. 108, č. 4, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; WOS CC, 2248 - 2264
- 2018 [1/12] / DEU** - Sochala, P., De Martin, F. Surrogate combining harmonic decomposition and polynomial chaos for seismic shear waves in uncertain media [elektronický dokument] In: Computational Geosciences: Modeling, Simulation and Data Analysis. Berlín: Springer Nature. Springer International Publishing AG, 2018, Roč. 22, č. 1, [tlačená forma] [online]. ISSN 1420-0597. ISSN (online) 1573-1499. - SCIE ; WOS CC, 125 - 144
- 2018 [1/12] / USA** - Tavelli, M., Dumbser, M. Arbitrary high order accurate space-time discontinuous Galerkin finite element schemes on staggered unstructured meshes for linear elasticity [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2018, Roč. 366, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; WOS CC, 386 - 414
- 2018 [1/12] / GBR** - Tromp, J., Trampert, J. Effects of induced stress on seismic forward modelling and inversion [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2018, Roč. 213, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 851 - 867
- 2018 [1/12] / neurčené** - Xie, Z., Zheng, Y., Zhang, X. Optimized approximation for constitution of constant Q viscoelastic media in time domain seismic wave simulation In: Chinese Journal of Geophysics-Chinese Edition, 2018, Roč. 61, č. 10. - SCIE ; SCO ; WOS CC, 4007 - 4020
- 2019 [1/12] / GBR** - Jeong, S., Asimaki, D., Dafni, J., Wartman, J. How topography-dependent are topographic effects? Complementary numerical modeling of centrifuge experiments [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2019, Roč. 116, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 654 - 667
- 2019 [1/12] / GBR** - Leng, K., Nissen-Meyer, T., van Driel, M., Hosseini, K., Al-Attar, D. AxiSEM3D:

broad-band seismic wavefields in 3-D global earth models with undulating discontinuities [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 217, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 2125 - 2146

2019 [1/12] / USA - Panning, M. P., Kedar, S. Seismic response of the Mars Curiosity Rover: Implications for future planetary seismology [elektronický dokument] In: Icarus: an International Journal of Solar System Studies. San Diego: Elsevier. Academic Press, 2019, Roč. 317, [tlačená forma] [online]. ISSN 0019-1035. ISSN (online) 1090-2643. - SCIE ; SCO ; WOS CC, 373 - 378

2019 [1/12] / GBR - Savran, W. H., Olsen, K. B. Ground motion simulation and validation of the 2008 Chino Hills earthquake in scattering media [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 219, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1836 - 1850

2019 [1/12] / GBR - Sun, Y. C., Ren, H., Zheng, X. Z., Li, N., Zhang, W., Huang, Q., Chen, X. 2-D poroelastic wave modelling with a topographic free surface by the curvilinear grid finite-difference method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 218, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1961 - 1982

2019 [1/12] / USA - Tavelli, M., Dumbser, M., Charrier, D. E., Rannabauer, L., Weinzierl, T., Bader, M. A simple diffuse interface approach on adaptive Cartesian grids for the linear elastic wave equations with complex topography [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2019, Roč. 386, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 158 - 189

2019 [1/12] / neurčené - Wang, N., Li, J., Borisov, D., Gharti, H. N., Shen, Y., Zhang, W., Savage, B. Modeling Three-Dimensional Wave Propagation in Anelastic Models With Surface Topography by the Optimal Strong Stability Preserving Runge-Kutta Method In: Journal of Geophysical Research-Solid Earth, 2019, Roč. 124, č. 1. - SCIE ; SCO ; WOS CC, 890 - 907

2019 [1/12] / neurčené - Wollherr, S., Gabriel, A. A., Mai, P. M. Landers 1992 "Reloaded": Integrative Dynamic Earthquake Rupture Modeling In: Journal of Geophysical Research-Solid Earth, 2019, Roč. 124, č. 7. - SCIE ; SCO ; WOS CC, 6666 - 6702

2019 [1/12] / neurčené - Sinambela, M., Situmorang, M., Tarigan, K., Humaidi, S., Sebayang, K. Classification of Nuclear Explosion Earthquake Signal based on Machine Learning Approach In: 2nd International Conference of Computer Science and Information Technology (ICoSNiKOM 2019). Piscataway: Institute of Electrical and Electronics Engineers, 2019. - SCO, Art. No. 9111479

2020 [1/12] / DEU - Duru, K., Rannabauer, L., Gabriel, A. A., Kreiss, G., Bader, M. A stable discontinuous Galerkin method for the perfectly matched layer for elastodynamics in first order form [elektronický dokument] In: Numerische Mathematik. Berlin: Springer Nature. Springer International Publishing AG, 2020, Roč. 146, č. 4, [tlačená forma] [online]. ISSN 0029-599X. ISSN (online) 0945-3245. - SCIE ; SCO ; WOS CC, 729 - 782

2020 [1/12] / GBR - Fernando, B., Leng, K., Nissen-Meyer, T. Oceanic high-frequency global seismic wave propagation with realistic bathymetry [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2020, Roč. 222, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC

2020 [1/12] / NLD - Gatti, F., Clouteau, D. Towards blending Physics-Based numerical simulations and seismic databases using Generative Adversarial Network [elektronický dokument] In: Computer Methods in Applied Mechanics and Engineering. Amsterdam: Elsevier, 2020, Roč. 372, [tlačená forma] [online]. ISSN 0045-7825. ISSN (online) 1879-2138. - SCIE ; SCO ; WOS CC, Art. No. 113421

2020 [1/12] / neurčené - Kavrov, I., Kareem, A., Morgenthal, G. Comparison Metrics for Time-Histories: Application to Bridge Aerodynamics [elektronický dokument] In: Journal of engineering mechanics, 2020, Roč. 146, č. 9, [tlačená forma]. ISSN 0733-9399. ISSN (online) 1943-7889. - SCO, Art. No. 04020093

2020 [1/12] / GBR - Leng, K., Korenaga, J., Nissen-Meyer, T. 3-D scattering of elastic waves by

small-scale heterogeneities in the Earth's mantle [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2020, Roč. 223, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 502 - 525

2020 [1/12] / neurčené - Li, X.-B., Song, Z.-H., Yang, J., Zeng, X.-F., Wang, B.-S. Monitoring signal of airgun source with distributed acoustic sensing In: Dizhen Dizhi, 2020, Roč. 42, č. 5. - SCO, 1255 - 1256

2020 [1/12] / GBR - Ortiz-Aguilar, S., De Basab, J. D., Gonzalez-Escobar, M., Magar, V. Theoretical signature of a cavern created by an underground nuclear explosion in 2-D exploration seismic data [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2020, Roč. 221, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1789 - 1801

2020 [1/12] / neurčené - Rahayu, T., Harry, R. B. Y., Limbong, W. H. E., Kuncoro, D. C., Atas, Z. A. A., Sinambela, M. Waveform Classification for Seismic Spectral Analysis: A Case Study Banda Aceh Earthquake In: 3rd International Conference on Mechanical, Electronics, Computer, and Industrial Technology (MECnIT 2020) : Proceedings. [Piscataway]: Institute of Electrical and Electronics Engineers, 2020. - SCO, Art. No. 9166590

2020 [1/12] / GBR - Rodriguez-Perez, Q., Ramon Zuniga, F., Marquez-Ramirez, V. H., Corbo-Camargo, F. Seismoelectromagnetic effects associated with the 2017 February 15 Veracruz earthquake (M-w=4.8) [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2020, Roč. 222, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1405 - 1422

2020 [1/12] / neurčené - Sinambela, M., Tarigan, K., Humaidi, S., Situmorang, M. Classification of seismic signal by evaluating broadband networks station in Sumatera fore-arc In: International Conference on Science and Technology Applications 2019 (ICoSTA 2019) : Journal of Physics: Conference Series. [Bristol]: Institute of Physics Publishing, 2020. - SCO, Art. No. 012054

2020 [1/12] / neurčené - Sinambela, M., Tarigan, K., Humaidi, S., Situmorang, M. Wavelet based machine learning approach for spectral seismic signal analysis: A case study North Tapanuli earthquake In: 1st International Conference on Physics and Applied Physics: Fundamental and Innovative Research for Improving Competitive Dignified Nation and Industrial Revolution 4.0 (ICP and AP 2019) : AIP Conference Proceedings. [College Park]: American Institute of Physics, 2020. - SCO, Art. No. 0600011

2020 [1/12] / neurčené - Sirait, H., Sebayang, K., Humaidi, S., Sembiring, T., Tarigan, K., Sembiring, K., Rahayu, T., Ainun, A. R., Sinambela, M. Time Frequency Signal Classification Using Continuous Wavelet Transformation In: International Conference on Information Technology and Engineering Management (ITEM 2020) : IOP Conference Series: Materials Science and Engineering. Bristol: Institute of Physics Publishing, 2020. - SCO, Art. No. 012045

2021 [1/12] / USA - Sun, Y.-C., Zhang, W., Ren, H., Bao, X., Xu, J.-K., Sun, N., Yang, Z., Chen, X. 3d seismic-wave modeling with a topographic fluid-solid interface at the sea bottom by the curvilinear-grid finite-difference method [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2021, Roč. 111, č. 5, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2753 - 2779

2021 [1/12] / GBR - Castro-Cruz, D., Gatti, F., Lopez-Caballero, F. Assessing the impact of regional geology on the ground motion model variability at the Kashiwazaki-Kariwa Nuclear Power Plant (Japan) via physics-based numerical simulation [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2021, Roč. 150, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, Art. No. 106947

2021 [1/12] / USA - Castro-Cruz, D., Gatti, F., Lopez-Caballero, F. High-fidelity broadband prediction of regional seismic response: a hybrid coupling of physics-based synthetic simulation and empirical Green functions [elektronický dokument] In: Natural Hazards. New York: Springer Nature. Springer, 2021, Roč. 108, č. 2, [tlačená forma] [online]. ISSN 0921-030X. ISSN (online) 1573-0840. - SCO, 1997 - 2031

2021 [1/12] / neurčené - Gao, Y., Tilmann, F., van Herwaarden, D. P., Thrastarson, S., Fichtner, A., Heit, B., Yuan, X. H., Schurr, B. Full Waveform Inversion Beneath the Central Andes: Insight Into the Dehydration of the Nazca Slab and Delamination of the Back-Arc Lithosphere In: Journal of Geophysical Research: Solid Earth, 2021, Roč. 126, č. 7. - SCIE ; SCO ; WOS CC, Art. No. e2021JB021984

- 2021 [1/12] / GBR** - Ortiz-Aguilar, S., De Basabe, J. D., Gonzalez-Escobar, M., Magar, V. Theoretical signature of a cavern created by an underground nuclear explosion in 2-D exploration seismic data [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2021, Roč. 221, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO, 1789 - 1801
- 2021 [1/12] / GBR** - Rodríguez-Pérez, Q., Ramón Zúniga, F., Márquez-Ramírez, V. H., Corbo-Camargo, F. Seismoelectromagnetic effects associated with the 2017 February 15 Veracruz earthquake (Mw = 4.8) [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2021, Roč. 222, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO, 1405 - 1422
- 2021 [1/12] / USA** - Park, K. H., Sun, S., Lim, Y. H., Park, H. R., Lee, J. M., Park, K., Jeon, B., Park, H. P., Kim, H. C., Paek, S. H. Clinical outcome prediction from analysis of microelectrode recordings using deep learning in subthalamic deep brain stimulation for Parkinson's disease [elektronický dokument] In: PLoS One. San Francisco: Public Library of Science, 2021, Roč. 16, č. 1, [online]. ISSN (online) 1932-6203. - SCIE ; SCO ; WOS CC, Art. No. e0244133
- 2021 [1/12] / CHN** - Xiao, W.-J., Zhao, N., Li, X.-J., Zhao, G., Liu, Q., Qu, L., Luo, J.-J. Test Analysis of the Shockproof Reinforcement of Seismometers in Earthquake Observation Station Standardization In: Earthquake. Peking: Science press, 2021, Roč. 41, č. 4, [tlačená forma]. ISSN 1000-3274. - SCIE ; SCO ; WOS CC, 158 - 167
- 2022 [1/20] / CHE** - Ajala, R., Persaud, P., Juarez, A. Earth model-space exploration in Southern California: Influence of topography, geotechnical layer, and attenuation on wavefield accuracy In: Frontiers in Earth Science. Lausanne: Frontiers Media, 2022, Roč. 10, [online]. ISSN 2296-6463. - SCIE ; SCO ; WOS CC, art. no. 964806
- 2022 [1/20] / USA** - Boehm, C., Krischer, L., Ulrich, I., Marty, P., Afanasiev, M., Fichtner, A. Using optimal transport to mitigate cycle-skipping in ultrasound computed tomography In: Medical Imaging 2022: Ultrasonic Imaging and Tomography. Bellingham: The International Society for Optics and Photonics, 2022, [tlačená forma] [online]. ISBN 9781510649514. - SCIE ; SCO ; WOS CC, art. no. 1203809
- 2022 [1/20] / USA** - Ciardelli, C., Assumpcao, M., Bozdog, E., van der Lee, S. Adjoint Waveform Tomography of South America [elektronický dokument] In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2022, Roč. 127, č. 2, [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chybné) 0148-0227. - SCIE ; SCO ; WOS CC, art. no. e2021JB022575
- 2022 [1/20] / USA** - Durán, C., Khan, A., Ceylan, S., Charalambous, C., Kim, D., Drilleau, M., Samuel, H., Giardini, D. Observation of a Core-Diffracted P-Wave From a Farside Impact With Implications for the Lower-Mantle Structure of Mars [elektronický dokument] In: Geophysical Research Letters. Washington: John Wiley & Sons. American Geophysical Union, 2022, Roč. 49, č. 21, [tlačená forma] [online]. ISSN 0094-8276. ISSN (online) 1944-8007. - SCIE ; SCO ; WOS CC, art. no. e2022GL100887
- 2022 [1/20] / NLD** - Durán, C., Khan, A., Ceylan, S., Zenhäusern, G., Stähler, S., Clinton, J. F., Giardini, D. Seismology on Mars: An analysis of direct, reflected, and converted seismic body waves with implications for interior structure [elektronický dokument] In: Physics of the Earth and Planetary Interiors: a journal devoted to observational and experimental studies of the earth and planetary interiors and their theoretical interpretation by the physical sciences. Amsterdam: Elsevier, 2022, č. 325, [tlačená forma] [online]. ISSN 0031-9201. ISSN (online) 1872-7395. - SCIE ; SCO ; WOS CC, art. no. 106851
- 2022 [1/20] / USA** - Duru, K., Fung, F., Williams, C. Dual-pairing summation by parts finite difference methods for large scale elastic wave simulations in 3D complex geometries [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2022, č. 454, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, art. no. 110966
- 2022 [1/20] / USA** - Gan, H., Pan, X., Tang, K., Hu, N., Zhang, W. EWR-Net: Earthquake Waveform Regularization Network for Irregular Station Data Based on Deep Generative Model and ResNet [elektronický dokument] In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2022, Roč. 127, č. 10, [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chybné) 0148-0227. - SCIE ; SCO ; WOS CC, art. no. e2022JB024122
- 2022 [1/20] / CHE** - Kasdi, A.S., Bouzid, A., Hamoudi, M. Electromagnetic Signal Associated with Seismic Waves: Case Study in the North Central Algeria Area [elektronický dokument] In: Pure and Applied

Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2022, Roč. 179, č. 5, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 1965 - 1979

2022 [1/20] / GBR - Keil, S., Wassermann, J., Megies, T. Estimation of ground motion due to induced seismicity at a geothermal power plant near Munich, Germany, using numerical simulations [elektronický dokument] In: Geothermics: International journal of geothermal research and its applications. Oxford: Elsevier, 2022, č. 106, [tlačená forma]. ISSN 0375-6505. ISSN (online) 1879-3576. - SCIE ; SCO ; WOS CC, art. no. 102577

2022 [1/20] / USA - Rodgers, A., Krischer, L., Afanasiev, M., Boehm, C., Doody, C., Chiang, A., Simmons, N. WUS256: An Adjoint Waveform Tomography Model of the Crust and Upper Mantle of the Western United States for Improved Waveform Simulations [elektronický dokument] In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2022, Roč. 127, č. 7, [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chybné) 0148-0227. - SCIE ; SCO ; WOS CC, art. no. e2022JB024549

2022 [1/20] / USA - Zenhäusern, G., Stähler, S. C., Clinton, J. F., Giardini, D., Ceylan, S., Garcia, R. F. Low-Frequency Marsquakes and Where to Find Them: Back Azimuth Determination Using a Polarization Analysis Approach [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2022, Roč. 112, č. 4, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1787 - 1805

2022 [1/20] / USA - Zhang, C., Zhang, W. Efficient Two-dimensional Acoustic Wave Finite-Difference Numerical Simulation in Strongly Heterogeneous Media Using the Adaptive Mesh Refinement (AMR) Technique [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2022, Roč. 87, č. 1, [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC, 1 - 76

2022 [1/20] / NLD - Duru, K., Rannabauer, L., Gabriel, A.-A., Ling, O. K. A., Igel, H., Bader, M. A stable discontinuous Galerkin method for linear elastodynamics in 3D geometrically complex elastic solids using physics based numerical fluxes [elektronický dokument] In: Computer Methods in Applied Mechanics and Engineering. Amsterdam: Elsevier, 2022, č. 389, [tlačená forma] [online]. ISSN 0045-7825. ISSN (online) 1879-2138. - SCO, art. no. 114386

2023 [1/20] / USA - Doody, C., Rodgers, A., Afanasiev, M., Boehm, C., Krischer, L., Chiang, A., Simmons, N. Comparing Adjoint Waveform Tomography Models of California Using Different Starting Models [elektronický dokument] In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2023, Roč. 128, č. 5, [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chybné) 0148-0227. - SCIE ; SCO ; WOS CC, art. no. e2023JB026463

2023 [1/20] / GBR - Liu, Y. X., Wei, X. T., Liu, Q., Chen, X. F. Double-source frequency-wavenumber transform for accurate extraction of 2-D media dispersion [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 235, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 74 - 93

2023 [1/20] / USA - Zhang, H., Sun, Y.-C., Ren, H., Zhang, W., Huang, Q., Chen, X. Discontinuous curvilinear collocated grid combined with nonuniform time step Runge-Kutta scheme for poroelastic finite-difference modeling [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2023, Roč. 88, č. 1, 1- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2022 [1/20] / CHE - Lehmann, Fanny, Gatti, Filippo, Bertin, Michaël, Clouteau, Didier. Machine learning opportunities to conduct high-fidelity earthquake simulations in multi-scale heterogeneous geology. DOI 10.3389/feart.2022.1029160 In: Frontiers in Earth Science. Lausanne: Frontiers Media, 2022, Roč. 10, art. no. 1029160, s. [1-17] [online]. ISSN 2296-6463. - SCO ; WOS CC ; CCC ; SCIE, 1 - 17

2023 [1/20] / SGP - Su, C., Seriani, G. Poly-Grid Spectral Element Modeling for Wave Propagation in Complex Elastic Media [elektronický dokument]. DOI 10.1142/S2591728523500032 In: Journal of Theoretical and Computational Acoustics. Singapur: World Scientific Publishing, 2023, Roč. 31, č. 1, Art. no. 2350003, s. 2350003-1-2350003-36 [tlačená forma] [online]. ISSN 2591-7285. ISSN (online) 2591-7811. - SCIE ; SCO ; WOS CC ; CCC, Art. no. 2350003 - 2350003-36

2022 [1/20] / USA - Ma, J., Bunge, H.-P., Thrastarson, S., Fichtner, A., van Herwaarden, D.-P., Tian, Y., Chang, S.-J., Liu, T. Seismic Full-Waveform Inversion of the Crust-Mantle Structure Beneath China and Adjacent Regions [elektronický dokument] In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2022, Roč. 127, č. 9, [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chybné) 0148-0227. - SCIE ; SCO ; WOS CC, art. no. e2022JB024957

2024 [1/20] / GBR - Jiang, Luqian, Zhang, Wei. Efficient implementation of equivalent medium parametrization in finite-difference seismic wave simulation methods [elektronický dokument]. DOI 10.1093/gji/ggae286 In: Geophysical Journal International. Oxford: Oxford University Press, 2024, Roč. 239, č. 1, s. 675-693 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; SCIE ; CCC, 675 - 693

2023 [1/20] / GBR - Laurenzano, Giovanna, Garbin, Marco, Parolai, Stefano, Barnaba, Carla, Romanelli, Marco, Froner, Luca. High-resolution local seismic zonation by cluster and correlation analysis [elektronický dokument]. DOI 10.1016/j.soildyn.2023.108122 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2023, č. 173, art. no. 108122 [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCO ; WOS CC ; CCC ; SCIE, art. no. 108122

2023 [1/20] / USA - Hailemichael, Salomon, Di Giulio, Giuseppe, Milana, Giuliano, Vassallo, Maurizio, Bordoni, Paola. From ambient vibration data analysis to 1D ground-motion prediction of the Mj 5.9 and the Mj 6.5 Kumamoto earthquakes in the Kumamoto alluvial plain, Japan [elektronický dokument]. DOI 10.1186/s40623-023-01848-x In: Earth, Planets and Space. New York: Springer Nature, 2023, Roč. 75, č. 1, art. no. 105 [tlačená forma] [online]. ISSN 1343-8832. ISSN (online) 1880-5981. - SCO ; WOS CC ; CCC ; SCIE, art. no. 105

2024 [1/20] / USA - Ling, On Ki Angel, Stähler, Simon C., Sollberger, David, Giardini, Domenico. Enhancement of Seismic Phase Identification Using Polarization Filtering and Array Analysis [elektronický dokument]. DOI 10.1785/0120230135 In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2024, Roč. 114, č. 2, s. 642-658 [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCO ; WOS CC ; CCC ; SCIE, 642 - 658

2023 [1/20] / GRC - Lehmann, Fanny, Gatti, Filippo, Bertin, Michaël, Clouteau, Didier. Fourier Neural Operator Surrogate Model to Predict 3D Seismic Waves Propagation In: 5th ECCOMAS Thematic Conference on Uncertainty Quantification in Computational Sciences and Engineering: UNCECOMP 2023: UNCECOMP Proceedings. Zografou: National Technical University of Athens, 2023, s. 1-14 [online]. - SCO, 1 - 14

2023 [1/20] / USA - Ren, Yuxiao, Ding, Xiangnan, Guo, Meiyan, Wang, Jiansen, Xu, Xinji. Reverse time migration imaging method for tunnel seismic forward-prospecting in viscoacoustic media [elektronický dokument]. DOI 10.1002/nsg.12263 In: Near Surface Geophysics. Hoboken: Wiley, 2023, Roč. 21, č. 5, s. 358-375 [tlačená forma] [online]. ISSN 1569-4445. ISSN (online) 1873-0604. - SCO ; WOS CC ; SCIE ; CCC, 358 - 375

2024 [1/20] / NLD - Almashakbeh, Yousef, Shamimi, Hiran, Faris, Inas H., Cortés, José M., Callejas, Antonio, Rus, Guillermo. Healthy human skin Kelvin-Voigt fractional and spring-pot biomarkers reconstruction using torsional wave elastography [elektronický dokument]. DOI 10.1007/s13246-024-01387-z In: Physical and Engineering Sciences in Medicine. Dordrecht: Springer Nature. Springer, 2024, Roč. 47, č. 2, s. 575-587 [tlačená forma] [online]. ISSN 26624729. ISSN (online) 26624737. - SCO ; WOS CC ; SCIE, 575 - 587

2024 [1/20] / USA - Pan, Xiao, Hu, Nan, Zhang, Wei. Teleseismic Wavefield Rank Reduction-Based Reconstruction Method for Passive Source Converted Wave Reverse Time Migration Imaging [elektronický dokument]. DOI 10.1109/TGRS.2023.3334527 In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2024, Roč. 62, art. no. 5900409, s. 1-9 [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCO ; WOS CC ; CCC ; SCIE, art. no. 5900409 - 9

2023 [1/20] / USA - Doody, Claire, Rodgers, Arthur, Afanasiev, Michael, Boehm, Christian, Krischer, Lion, Chiang, Andrea, Simmons, Nathan. CANVAS [elektronický dokument]: An Adjoint Waveform Tomography Model of California and Nevada. DOI 10.1029/2023JB027583 In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2023, Roč. 128, č. 12, art. no. e2023JB027583 [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chybné) 0148-0227. - SCO ; WOS CC ; CCC ; SCIE, art. no. e2023JB027583

2023 [1/20] / USA - Edgeley, James, Braithwaite, Chris, Lee, Elizabeth, Drake, Rod. Capacitive sensing for measuring the conduction zone of low density pentaerythritol tetranitrate (PETN) [elektronický dokument]. DOI 10.1063/5.0175481 In: Journal of Applied Physics. Maryland: American Institute of Physics, 2023, Roč. 134, č. 18, art. no. 185904 [tlačená forma] [online]. ISSN 0021-8979. ISSN (online) 1089-7550. - SCO ; WOS CC ; CCC ; SCIE, art. no. 185904

2024 [1/20] / NLD - Kamalinia, H., Barbarulo, A., Tie, B. A coupled acoustic/elastic discontinuous Galerkin finite element method: Application to ultrasonic imaging of 3D-printed synthetic materials. DOI 10.1016/j.compstruc.2023.107208 In: Computers & Structures: Solids • Structures • Fluids • Multiphysics. Amsterdam: Elsevier, 2024, Roč. 291, art. no. 107208 [tlačená forma]. ISSN 0045-7949. - SCO ; WOS CC ; CCC ; SCIE, art. no. 107208

2023 [1/20] / CHE - Zheng, Xu Zhen, Ren, Hengxin, Huang, Qinghua, Chen, Xiaofei. Numerical Analysis of Seismoelectric Conversion in Stratified Low-Permeability Porous Rocks [elektronický dokument]. DOI 10.1007/s00024-023-03349-0 In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2023, Roč. 180, č. 11, s. 3855-3882 [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCO ; WOS CC ; CCC ; SCIE, 3855 - 3882

2023 [1/20] / GBR - Gao, Yajian, Tilmann, Frederik, Rietbrock, Andreas. A review of misfit functions for adjoint full waveform inversion in seismology [elektronický dokument]. DOI 10.1093/gji/ggad372 In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 235, č. 3, s. 2794-2827 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 2794 - 2827

2023 [1/20] / USA - Tsuno, Seiji, Nagashima, Fumiaki, Kawase, Hiroshi, Yamanaka, Hiroaki, Matsushima, Shinichi. Predicted results of weak and strong ground motions at the target site of the blind prediction exercise as steps-2 and-3 [elektronický dokument]: Report for the experiments for the 6th international symposium on effects of surface geology on seismic motion. DOI 10.1186/s40623-023-01885-6 In: Earth, Planets and Space. New York: Springer Nature, 2023, Roč. 75, č. 1, art. no. 130 [tlačená forma] [online]. ISSN 1343-8832. ISSN (online) 1880-5981. - SCO ; WOS CC ; SCIE ; CCC, art. no. 130

2023 [1/20] / USA - Ni, Chun, Xie, Xin, Zhang, Liang. Research on the element structure and surface current distribution of metasurface based on characteristic mode analysis [elektronický dokument]. DOI 10.1063/5.0174009 In: Journal of Applied Physics. Maryland: American Institute of Physics, 2023, Roč. 134, č. 18, art. no. 183104, s. [tlačená forma] [online]. ISSN 0021-8979. ISSN (online) 1089-7550. - WOS CC ; CCC ; SCIE ; SCO, art. no. 183104

2024 [1/20] / CHE - Hao, Chunyue, Gu, Zhoupeng, Li, Kai, Wu, Xianqian. Numerical Simulation of Seismic-Wave Propagation in Specific Layered Geological Structures [elektronický dokument]. DOI 10.3390/app14188278 In: Applied sciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2024, Roč. 14, č. 18, art. no. 8278 [online]. ISSN (online) 2076-3417. - SCO ; WOS CC ; CCC ; SCIE, art. no. 8278

2024 [1/20] / GBR - Wan, Jialiang, Wang, Wenqiang, Zhang, Zhenguo. Enhancing computational efficiency in 3-D seismic modelling with half-precision floating-point numbers based on the curvilinear grid finite-difference method [elektronický dokument]. DOI 10.1093/gji/ggae235 In: Geophysical Journal International. Oxford: Oxford University Press, 2024, Roč. 238, č. 3, s. 1595-1611 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 1595 - 1611

2024 [1/20] / USA - Rodgers, Arthur J., Krischer, Lion, Afanasiev, Michael, Boehm, Christian, Doody, Claire, Simmons, Nathan. Adjoint Waveform Tomography for Crustal and Upper Mantle Structure of the Middle East and Southwest Asia for Improved Waveform Simulations Using Openly Available Broadband Data [elektronický dokument]. DOI 10.1785/0120230248 In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2024, Roč. 114, č. 3, s. 1365-1391 [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCO ; WOS CC ; CCC ; SCIE, 1365 - 1391

2024 [1/20] / GBR - Xu, Tianhong, Zhang, Zhenguo. Numerical simulation of 3-D seismic wave based on alternative flux finite-difference WENO scheme [elektronický dokument]. DOI 10.1093/gji/ggae167 In: Geophysical Journal International. Oxford: Oxford University Press, 2024, Roč. 238, č. 1, s. 496-512 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 496 - 512

2024 [1/20] / USA - Akinremi, Stephen, van der Meijde, Mark, Thomas, Christine, Afonso, Juan Carlos, Ruigrok, Elmer, Fadel, Islam. Waveform Fitting of Receiver Functions for Enhanced Retrieval of Crustal Structure in the Presence of Sediments [elektronický dokument]. DOI 10.1029/2023JB028393 In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2024, Roč. 129, č. 5, art. no. e2023JB028393 [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chybné) 0148-0227. - SCO ; WOS CC ; CCC ; SCIE, art. no. e2023JB028393

2024 [1/20] / CHE - Azzola, Jérôme, Gaucher, Emmanuel. Seismic Monitoring of a Deep Geothermal Field in Munich (Germany) Using Borehole Distributed Acoustic Sensing [elektronický dokument]. DOI 10.3390/s24103061 In: Sensors. Bazilej: Multidisciplinary Digital Publishing Institute, 2024, Roč. 24, č. 10, art. no. 3061 [online] [tlačená forma]. ISSN 1424-3210. ISSN (online) 1424-8220. - SCO ; WOS CC ; CCC ; SCIE, art. no. 3061

2023 [1/20] / GBR - Korres, M., Lopez-Caballero, F., Alves Fernandes, V., Gatti, F., Zentner, I., Voldoire, F., Clouteau, D., Castro-Cruz, D. Enhanced Seismic Response Prediction of Critical Structures via 3D Regional Scale Physics-Based Earthquake Simulation [elektronický dokument]. DOI 10.1080/13632469.2021.2009061 In: Journal of Earthquake Engineering. Abingdon: Taylor & Francis Group, 2023, Roč. 27, č. 3, s. 546-574 [tlačená forma] [online]. ISSN 1363-2469. ISSN (online) 1559-808X. - SCO ; CCC ; SCIE ; WOS CC, 546 - 574

2023 [1/20] / USA - Wang, Nian, Yang, Dinghui, Shen, Yang, Bao, Xueyang, Li, Jiahang. 3D Sensitivity Kernels With Full Attenuation Computed by a Combination of the Strong Stability Preserving Runge-Kutta Method and the Scattering-Integral Method [elektronický dokument]. DOI 10.1029/2023JB026808 In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2023, Roč. 128, č. 8, art. no. e2023JB026808 [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chybné) 0148-0227. - SCO ; WOS CC ; CCC, art. no. e2023JB026808

2023 [1/20] / GBR - Gatti, Filippo, Rosafalco, Luca, Colombero, Giorgia, Mariani, Stefano, Corigliano, Alberto. Multi-storey shear type buildings under earthquake loading [elektronický dokument]: Adversarial learning-based prediction of the transient dynamics and damage classification. DOI 10.1016/j.soildyn.2023.108141 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2023, č. 173, art. no. 108141 [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCO ; WOS CC ; CCC ; SCIE, art. no. 108141

2022 [1/20] / CHN - Zhang, Chunli, Zhang, Wei. Two-dimensional elastic wave finite-difference simulation with adaptive mesh refinement [elektronický dokument]. DOI 10.13471/j.cnki.acta.snus.2021D073 In: Zhongshan Daxue Xuebao: Acta Scientiarum Naturalium Universitatis Sunyatseni. Čung-šan: Journal of Zhongshan University, 2022, Roč. 61, č. 1, s. 125-138 [online]. ISSN (online) 2097-0137. - SCO, 125 - 138

ADC_028 / Gális, Martin (Autor) [Výskumný pracovník - výskumník] [UKOMFKAFZM] (40%) - Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (32%) - Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (28%): A 3-D hybrid finite-difference-finite-element viscoelastic modelling of seismic wave motion. – text. – DOI 10.1111/j.1365-246X.2008.03866.x. – SCO ; WOS CC ; SCIE ; CCC

In: Geophysical Journal International [textový dokument (print)] [elektronický dokument] . – Oxford (Veľká Británia) : Oxford University Press. – ISSN 0956-540X. – ISSN (online) 1365-246X. – Roč. 175, č. 1 (2008), s. 153-184 [tlačená forma] [online]

Počet všetkých autorov: 3

[článok]

Lit.: 53

[OV 092 Vedy o Zemi a vesmíre]

Ohlasy (49):

2010 [1/12] / GBR - Etienne, V., Chaljub, E., Virieux, J., Glinsky, N. An hp-adaptive discontinuous Galerkin finite-element method for 3-D elastic wave modelling [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2010, Roč. 183, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 941 - 962

2010 [1/12] / GBR - Klin, P., Priolo, E., Seriani, G. Numerical simulation of seismic wave propagation in realistic 3-D geo-models with a Fourier pseudo-spectral method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2010, Roč. 183, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 905 - 922

- 2010 [1/12] / NLD** - Vachirastienchai, C., Boonchaisuk, S., Siripunvaraporn, W. A hybrid finite difference-finite element method to incorporate topography for 2D direct current (DC) resistivity modeling [elektronický dokument] In: Physics of the Earth and Planetary Interiors: a journal devoted to observational and experimental studies of the earth and planetary interiors and their theoretical interpretation by the physical sciences. Amsterdam: Elsevier, 2010, Roč. 183, č. 3-4, [tlačená forma] [online]. ISSN 0031-9201. ISSN (online) 1872-7395. - SCIE ; SCO ; WOS CC, 426 - 434
- 2011 [1/12] / USA** - Dhemaied, A., Rejiba, F., Camerlynck, C., Bodet, L., Guerin, R. Seismic-Wave propagation modeling in viscoelastic media using the auxiliary differential equation method [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2011, Roč. 101, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 413 - 420
- 2011 [1/12] / USA** - Lan, H., Zhang, Z. Three-Dimensional wave-field simulation in heterogeneous transversely isotropic medium with irregular free surface [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2011, Roč. 101, č. 3, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1354 - 1370
- 2011 [1/12] / GBR** - Liu, T., Hu, T., Sen, M. K., Yang, J., Wang, R., Wei, J., Wang, S. A hybrid scheme for seismic modelling based on Galerkin method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2011, Roč. 186, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1165 - 1178
- 2011 [1/12] / USA** - Yin, J., Kato, N., Miyatake, T., Hirahara, K., Hori, T., Hyodo, M. Assessment of the finite element solutions for 3D spontaneous rupture using Geofem [elektronický dokument] In: Earth, Planets and Space. New York: Springer Nature, 2011, Roč. 63, č. 11, [tlačená forma] [online]. ISSN 1343-8832. ISSN (online) 1880-5981. - SCIE ; SCO ; WOS CC, 1119 - 1131
- 2012 [1/12] / neurčené** - Pelties, C., De La Puente, J., Ampuero, J. P., Brietzke, G. B., Kaser, M. Three-dimensional dynamic rupture simulation with a high-order discontinuous Galerkin method on unstructured tetrahedral meshes In: Journal of Geophysical Research B, 2012, Roč. 117, č. 2. - SCIE ; SCO ; WOS CC, Art. No. B02309
- 2012 [1/12] / GBR** - Zhang, W., Zhang, Z., Chen, X. Three-dimensional elastic wave numerical modelling in the presence of surface topography by a collocated-grid finite-difference method on curvilinear grids [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2012, Roč. 190, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 358 - 378
- 2014 [1/12] / POL** - Narayan, J. P., Kumar, V. Study of combined effects of sediment rheology and basement focusing in an unbounded viscoelastic medium using P-SV-wave finite-difference modelling [elektronický dokument] In: Acta Geophysica. Varšava: Springer Nature. Springer International Publishing AG, 2014, Roč. 62, č. 6, [tlačená forma] [online]. ISSN 1895-6572. ISSN (online) 1895-7455. - SCIE ; SCO ; WOS CC, 1214 - 1245
- 2012 [1/12] / NLD** - Wang, L., Luo, Y., Xu, Y. Numerical investigation of Rayleigh-wave propagation on topography surface [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2012, Roč. 86, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, 88 - 97
- 2012 [1/12] / USA** - Yin, J., Kato, N., Miyatake, T., Hirahara, K., Hori, T., Hyodo, M. Assessment of the finite element solutions for 3D spontaneous rupture using GeoFEM [elektronický dokument] In: Earth, Planets and Space. New York: Springer Nature, 2012, Roč. 63, č. 11, [tlačená forma] [online]. ISSN 1343-8832. ISSN (online) 1880-5981. - SCIE ; SCO ; WOS CC, 1119 - 1131
- 2012 [1/12] / GBR** - Zhang, N., Gao, Y., Cai, Y., Li, D., Wu, Y. Scattering of SH waves induced by a non-symmetrical V-shaped canyon [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2012, Roč. 191, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 243 - 256
- 2013 [1/12] / GBR** - Long, G., Zhao, Y., Zou, J. A temporal fourth-order scheme for the first-order

acoustic wave equations [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2013, Roč. 194, č. 3, [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1473 - 1485

2013 [1/12] / neurčené - Manolis, G. D., Makra, K., Dineva, P. S., Rangelov, T. V. Seismic motions in a non-homogeneous soil deposit with tunnels by a hybrid computational technique In: Earthquakes and Structures, 2013, Roč. 5, č. 2. - SCIE ; SCO ; WOS CC, 161 - 205

2013 [1/12] / neurčené - Packo, P. Numerical simulation of elastic wave propagation In: Advanced Structural Damage Detection: From Theory to Engineering Applications, 2013, 2013. - SCO, 17 - 56

2014 [1/12] / neurčené - Shao, Y., An, M., Wang, S. Two-dimensional method for unconditionally stable elastic wave simulations In: Journal of the Acoustical Society of America, 2014, Roč. 136, č. 4. - SCIE ; SCO ; WOS CC, 1682 - 1691

2014 [1/12] / NLD - Soni, A. K., Verschuur, D. J. Full-wavefield migration of vertical seismic profiling data: using all multiples to extend the illumination area [elektronický dokument] In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2014, Roč. 62, č. 4, [tlačaná forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCIE ; SCO ; WOS CC, 740 - 759

2015 [1/12] / neurčené - Delcourte, S., Glinsky, N. Analysis of a High-Order Space and Time Discontinuous Galerkin Method for Elastodynamic Equations. Application to 3d Wave Propagation In: Esaim-Mathematical Modelling and Numerical Analysis-Modelisation Mathematique Et Analyse Numerique, 2015, Roč. 49, č. 4. - SCIE ; SCO ; WOS CC, 1085 - 1126

2015 [1/12] / GBR - He, X., Yang, D., Wu, H. A weighted Runge-Kutta discontinuous Galerkin method for wavefield modelling [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2015, Roč. 200, č. 3, [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1389 - 1410

2015 [1/12] / neurčené - Chen, P., Lee, E. Full-3D Seismic Waveform Inversion: Theory, Software and Practice [textový dokument (print)] . Berlin: Springer, 2015. 1 vyd. - BKCI-S ; SCO ; WOS CC

2016 [1/12] / CHE - Khazaei, C., Hazzard, J., Chalaturnyk, R. Discrete Element Modeling of Stick-Slip Instability and Induced Microseismicity [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2016, Roč. 173, č. 3, [tlačaná forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; WOS CC, 775 - 794

2016 [1/12] / USA - Lisitsa, V., Tcheverda, V., Botter, C. Combination of the discontinuous Galerkin method with finite differences for simulation of seismic wave propagation [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2016, Roč. 311, [tlačaná forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 142 - 157

2016 [1/12] / USA - Yang, D., He, X., Ma, X., Zhou, Y., Li, J. An optimal nearly analytic discrete-weighted Runge-Kutta discontinuous Galerkin hybrid method for acoustic wavefield modeling [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2016, Roč. 81, č. 5, 251- [tlačaná forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2022 [1/20] / USA - He, Xijun, Yang, Dinghui, Qiu, Chujun, Zhou, Yanjie, Ma, Xiao. An Efficient Discontinuous Galerkin Method Using a Tetrahedral Mesh for 3D Seismic Wave Modeling [elektronický dokument]. DOI 10.1785/0120210229 In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2022, Roč. 112, č. 3, s. 1197-1223 [tlačaná forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCO ; SCIE ; CCC ; WOS CC, 1197 - 1223

2017 [1/12] / neurčené - Igel, H. Computational Seismology: A Practical Introduction. BKCI-S Book Citation Index - Science N/A In: Computational Seismology: A Practical Introduction. New York: Oxford Univ Press, 2017. - WOS CC, 1 - 323

2017 [1/12] / USA - Li, B., Liu, I., Sen, M. K., Ren, Z. M. Time-space-domain mesh-free finite difference based on least squares for 2D acoustic-wave modeling [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2017, Roč. 82, č. 4, [tlačaná forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC

2021 [1/12] / GBR - Pienkowska, M., Monteiller, V., Nissen-Meyer, T. High-frequency global wavefields for local 3-D structures by wavefield injection and extrapolation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2021, Roč. 225, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1782 - 1798

2016 [1/12] / neurčené - Zhong, W., Liu, T. L. Application of an Investigated Lump Method to the Simulation of Ground Motion For Beichuan Town During the Wenchuan Earthquake In: Journal of Earthquake and Tsunami, 2016, Roč. 10, č. 1. - SCIE ; SCO ; WOS CC, Art. No. 1650002

2021 [1/12] / neurčené - He, X., Yang, D., Qiu, C., Zhou, Y., Chang, Y. A parallel weighted Runge-Kutta discontinuous galerkin method for solving acoustic wave equations in 3D D'Alembert media on unstructured meshes In: Acta Geophysica Sinica, 2021, Roč. 64, č. 3. ISSN 00015733. - SCIE ; SCO ; WOS CC, 876 - 895

2017 [1/12] / DEU - Du, Z.L. – Liu, J.J. – Liu, J.P. – Xu, F. – Li, Y.Z. High-precision acoustic modeling with second-order staggered difference [elektronický dokument] In: Arabian Journal of Geosciences. Heidelberg: Springer Nature, 2017, Roč. 10, č. 21, [tlačená forma]. ISSN 1866-7511. ISSN (online) 1866-7538. - SCIE ; SCO ; WOS CC, Art. No. 473

2017 [1/12] / neurčené - Manolis, G.D., Dineva, P.S., Rangelov, T.V., Wuttke, F. Anti-plane Strain Wave Motion in Finite Inhomogeneous Media In: Seismic Wave Propagation in Non-Homogeneous Elastic Media by Boundary Elements. Dordrecht: Springer, 2017. - BKCI-S ; SCO ; WOS CC, 181 - 209

2017 [1/12] / neurčené - Wuttke, F. – Dineva, P. – Fontara, I.K. Influence of Poroelasticity on the 3d Seismic Response of Complex Geological Media In: Journal of Theoretical and Applied Mechanics-Bulgaria, 2017, Roč. 47, č. 2. - ESCI ; SCO ; WOS CC, 34 - 60

2017 [1/12] / GBR - Zhao, J.G., Huang, X.X., Liu, W.F., Zaho, W.J., Song, J.Y., Xiong, B., Wang, S.X. 2.5-D frequency-domain viscoelastic wave modelling using finite-element method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 211, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 164 - 187

2018 [1/12] / neurčené - Liu, X.B. – Chen, J.Y. – Lan, H.Q. – Zhao, Z.C. Seismic Wavefield Simulation with Irregular Surface Topography and Graphic Processing Unit (GPU) Implementation In: Journal of Seismic Exploration, 2018, Roč. 27, č. 5. ISSN 09630651. - SCIE ; SCO ; WOS CC, 445 - 472

2018 [1/12] / neurčené - Sarakorn, W., Vachiriatienchai, C. Hybrid finite difference-finite element method to incorporate topography and bathymetry for two-dimensional magnetotelluric modeling. DOI 10.1186/s40623-018-0876-7 In: Earth Planets and Space, 2018, Roč. 70. - SCIE ; SCO ; WOS CC, Art. No. 103

2019 [1/12] / RUS - Sadovskii, V.M. – Sadovskaya, O.V. – Efimov, E.A. Analysis of Seismic Waves Excited in Near-Surface Soils by Means of the Electromagnetic Pulse Source "Yenisei" [elektronický dokument] In: Materials Physics and Mechanics. Petrohrad: Peter the Great St.Petersburg Polytechnic University, 2019, Roč. 42, č. 5, [tlačená forma]. ISSN 1605-2730. ISSN (online) 1605-8119. - ESCI ; SCO ; WOS CC, 544 - 557

2020 [1/12] / USA - Varllsüha, D. 3D inversion of magnetotelluric data by using a hybrid forward-modeling approach and mesh decoupling [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2020, Roč. 85, č. 5, 191- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2020 [1/12] / USA - Yang, Q., Zhou, B., Riahi, M. K., Al-khaleel, M. A new generalized stiffness reduction method for 2D/2.5D frequency-domain seismic wave modeling in viscoelastic anisotropic media [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2020, Roč. 85, č. 6, 315- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2021 [1/12] / GBR - Liang, J., Wu, M., Ba, Z. Simulating elastic wave propagation in 3-D layered transversely isotropic half-space using a special IBEM: Hill topography as an example In: Engineering analysis with boundary elements: the international journal for boundary element research and applications. Southampton: Computational Mechanics Publications, 2021, Roč. 124, [tlačená forma].

2022 [1/20] / USA - Dao, T. A., Mattsson, K., Nazarov, M. Energy stable and accurate coupling of finite element methods and finite difference methods [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2022, Roč. 449, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, art. no. 110791

2022 [1/20] / NLD - Huang, J., Hu, T., Song, J., Li, Y., Yu, Z., Liu, L. A novel hybrid method based on discontinuous Galerkin method and staggered-grid method for scalar wavefield modelling with rough topography [elektronický dokument] In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2022, Roč. 70, č. 3, [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCIE ; SCO ; WOS CC, 441 - 458

2023 [1/20] / NLD - Belousov, D., Lisitsa, V. Mimetic finite differences for boundaries misaligned with grid nodes [elektronický dokument] In: Journal of Computational and Applied Mathematics. Amsterdam: Elsevier, 2023, Roč. 428, [tlačená forma] [online]. ISSN 0377-0427. ISSN (online) 1879-1778. - SCIE ; SCO ; WOS CC, art. no. 115185

2019 [1/12] / neurčené - Yousefi, H., Farjoodi, J., Mahmoudzadeh Kani, I. Adaptive simulation of wave propagation problems including dislocation sources and random media In: Frontiers Of Structural And Civil Engineering, 2019, Roč. 13, č. 5. - SCIE ; SCO ; WOS CC, 1054 - 1081

2024 [1/20] / USA - Ensminger, Dale, Bond, Leonard J. Ultrasonics [textový dokument (print)] [elektronický dokument] : Fundamentals, Technologies, and Applications. Boca Raton: Taylor & Francis Group. CRC Press, 2024. 4. vyd. ISBN 9780367252816. ISBN 9781000994957. DOI 10.1201/9780429286964. - SCO, 1 - 875

2024 [1/20] / USA - Chen, Hanming, Chen, Keji, Wang, Lingqian, Zhou, Hui, Zhang, Hongliang, Sun, Wenbo. An Efficient Immersed Free Surface Boundary Method for 3-D Scalar Seismic Waves Finite-Difference Modeling in Presence of Topography [elektronický dokument]. DOI 10.1109/TGRS.2024.3385239 In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2024, Roč. 62, art. no. 5910612, s. 1-12 [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCO ; WOS CC ; SCIE ; CCC, art. no. 5910612 - 12

2024 [1/20] / NLD - Varilsüha, Deniz. A novel hybrid finite element [elektronický dokument]: Finite difference approach for 3D Magnetotelluric modeling. DOI 10.1016/j.cageo.2024.105614 In: Computers & Geosciences. Amsterdam: Elsevier, 2024, č. 188, art. no. 105614 [tlačená forma] [online]. ISSN 0098-3004. ISSN (online) 1873-7803. - SCO ; WOS CC ; SCIE ; CCC, art. no. 105614

2023 [1/20] / CHE - Augusto, Fabrício O.A., Moreira, Roger M., Cetale, Marco, Tostes, Danielle M., Filho, Djalma M. Soares. A Comparative Study of Viscoelastic Rheological Models Using Finite-Difference Method and an Evaluation of the Seismic Attenuation in the Búzios Field Data [elektronický dokument]. DOI 10.1007/s00024-023-03316-9 In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2023, Roč. 180, č. 8, s. 2939-2957 [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCO ; WOS CC ; SCIE ; CCC, 2939 - 2957

2024 [1/20] / USA - Caunt, Edward, Nelson, Rhodri, Macarthur, Tim, Luporini, Fabio, Gorman, Gerard. A novel immersed boundary approach for irregular topography with acoustic wave equations [elektronický dokument]. DOI 10.1190/geo2023-0515.1 In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2024, Roč. 89, č. 4, s. T207-T226 [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO ; WOS CC ; CCC ; SCIE, 207 - 226

ADC_029 / Kristeková, Miriam (Autor) (30%) - Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (20%) - Labák, Peter (Autor) (10.5%) - Cipciar, Andrej (Autor) (10.5%) - Fojtíková, Lucia (Autor) (10.5%) - Madarás, Ján (Autor) (10.5%) - Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (8%): Time-frequency analysis of explosions in the ammunition factory in Novaky, Slovakia. – text. – DOI 10.1785/0120080048. – SCO ; WOS CC ; SCIE ; CCC

In: *Bulletin of the Seismological Society of America* [textový dokument (print)] [elektronický dokument] . – ElCerrito (USA) : Seismological Society of America. – ISSN 0037-1106. – ISSN (online) 1943-3573. – Roč. 98, č. 5 (2008), s. 2507-2516 [tlačená forma] [online]

Počet všetkých autorov: 7

[článok]

Lit.: 18

Ohlasy (9):

2011 [1/12] / neurčené - Bossu, R., Gilles, S., Mazet-Roux, G., Roussel, F. Citizen Seismology: How to Involve the Public in Earthquake Response In: Comparative Emergency Management: Examining Global and Regional Responses to Disasters, 2011, 2011. - BKCI-SSH ; WOS CC, 237 - 259

2013 [1/12] / NLD - Yilmaz, S., Bayrak, Y., Cinar, H. Discrimination of earthquakes and quarry blasts in the eastern Black Sea region of Turkey [elektronický dokument] In: Journal of Seismology. Dordrecht: Springer Nature, 2013, Roč. 17, č. 2, [tlačená forma] [online]. ISSN 1383-4649. ISSN (online) 1573-157X. - SCIE ; SCO ; WOS CC, 721 - 734

2014 [1/12] / USA - Balasco, M., Lapenna, V., Romano, G., Siniscalchi, A., Stabile, T. A., Telesca, L. Electric and magnetic field changes observed during a seismic swarm in Pollino Area (Southern Italy) [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2014, Roč. 104, č. 3, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1289 - 1298

2014 [1/12] / CZE - Kalenda, P., Borovicka, J., Spurny, P. The localization of fireball trajectories with the help of seismic networks [elektronický dokument] In: Studia Geophysica et Geodaetica: a journal of geophysics, meteorology and climatology, geodesy. Praha: Akademie věd České republiky. Geofyzikální ústav AV ČR, 2014, Roč. 58, č. 1, [tlačená forma] [online]. ISSN 0039-3169. ISSN (online) 1573-1626. - SCIE ; SCO ; WOS CC, 84 - 99

2018 [1/12] / NLD - Schneider, F. M., Fuchs, F., Kolinsky, P., Caffagni, E., Serafin, S., Dorninger, M., Bokelmann, G. Seismo-acoustic signals of the Baumgarten (Austria) gas explosion detected by the AlpArray seismic network [elektronický dokument] In: Earth and Planetary Science Letters: a letter journal devoted to the development in time of the earth and planetary system. Amsterdam: Elsevier, 2018, Roč. 502, [tlačená forma] [online]. ISSN 0012-821X. ISSN (online) 1385-013X. - SCIE ; SCO ; WOS CC, 104 - 114

2019 [1/12] / GBR - Green, D. N., Nippress, A. Infrasound signal duration: the effects of propagation distance and waveguide structure [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 216, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1974 - 1988

2020 [1/12] / CHE - Koch, K. – Pilger, C. – Czanik, C. – Bondar, I. The 12 December 2017 Baumgarten Gas Hub Explosion: A Case Study on Understanding the Occurrence of a Large Infrasound Azimuth Residual and a Lack of Seismic Observations [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazel: Springer Nature. Springer International Publishing AG, 2020, Roč. 177, č. 10, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 4957 - 4970

2022 [1/20] / NLD - Budakoglu, E. Seismological investigations of fireworks factory explosions in Hendek-Sakarya (Turkey) [elektronický dokument] In: Journal of Seismology. Dordrecht: Springer Nature, 2022, Roč. 26, č. 2, [tlačená forma] [online]. ISSN 1383-4649. ISSN (online) 1573-157X. - SCIE ; SCO ; WOS CC, 283 - 299

2023 [1/20] / GBR - Nippress, Alexandra, Green, David N. Global empirical models for infrasonic celerity and backazimuth [elektronický dokument]. DOI 10.1093/gji/ggad334 In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 235, č. 2, s. 1912-1925 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 1912 - 1925

ADC_030 / Bonnefoy-Claudet, Sylvette (Autor) (14.286%) - Cornou, Cécile (Autor) (14.286%) - Bard, Pierre-Yves (Autor) (14.286%) - Cotton, Fabrice (Autor) (14.286%) - Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (14.285%) - Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (14.285%) - Fäh, Donat (Autor) (14.286%): H/V ratio: a tool for site effects evaluation : Results from 1-D noise simulations. – text, graf., tab. – DOI 10.1111/j.1365-246X.2006.03154.x. – SCO ; SCIE ; CCC ; WOS CC
In: *Geophysical Journal International* [textový dokument (print)] [elektronický dokument] . – Oxford (Veľká Británia) : Oxford University Press. – ISSN 0956-540X. – ISSN (online) 1365-246X. – Roč. 167, č. 2 (2006), s. 827-837 [tlačená forma] [online]

Počet všetkých autorov: 7

[článok]

Lit.: 61

Ohlasy (380):

2007 [1/12] / neurčené - Fukushima, Y., Bonilla, L. F., Scotti, O., Douglas, J. Site classification using horizontal-to-vertical response spectral ratios and its impact when deriving empirical ground-motion prediction equations In: Journal of Earthquake Engineering, 2007, Roč. 11, č. 5. - SCIE ; SCO ; WOS CC, 712 - 724

2007 [1/12] / NLD - Gosar, A. Microtremor HVSr study for assessing site effects in the Bovec basin (NW Slovenia) related to 1998 Mw5.6 and 2004 Mw5.2 earthquakes [elektronický dokument] In: Engineering Geology: An International Journal. Amsterdam: Elsevier, 2007, Roč. 91, č. 2-4, [tlačená forma] [online]. ISSN 0013-7952. ISSN (online) 1872-6917. - SCIE ; SCO ; WOS CC, 178 - 193

2008 [1/12] / neurčené - Amorosi, A., Castellaro, S., Mulargia, F. Single-station passive seismic stratigraphy: An inexpensive tool for quick subsurface investigations In: GeoActa, 2008, Roč. 7. - SCO, 29 - 39

2008 [1/12] / USA - Cara, F., Cultrera, G., Azzara, R. M., De Rubeis, V., Di Giulio, G., Giammarinaro, M. S., Tosi, P., Vallone, P., Rovelli, A. Microtremor measurements in the city of Palermo, Italy: Analysis of the correlation between local geology and damage [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2008, Roč. 98, č. 3, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1354 - 1372

2008 [1/12] / DEU - Del Gaudio, V., Coccia, S., Wasowski, J., Gallipoli, M. R., Mucciarelli, M. Detection of directivity in seismic site response from microtremor spectral analysis [elektronický dokument] In: Natural Hazards and Earth System Sciences. Mnichov: European Geosciences Union, 2008, Roč. 8, č. 4, [tlačená forma] [online]. ISSN 1561-8633. ISSN (online) 1684-9981. - SCIE ; SCO ; WOS CC, 751 - 762

2008 [1/12] / NLD - Di Giulio, G., Improta, L., Calderoni, G., Rovelli, A. A study of the seismic response of the city of Benevento (Southern Italy) through a combined analysis of seismological and geological data [elektronický dokument] In: Engineering Geology: An International Journal. Amsterdam: Elsevier, 2008, Roč. 97, č. 3-4, [tlačená forma] [online]. ISSN 0013-7952. ISSN (online) 1872-6917. - SCIE ; SCO ; WOS CC, 146 - 170

2008 [1/12] / GBR - Faeh, D., Stamm, G., Havenith, H. B. Analysis of three-component ambient vibration array measurements [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2008, Roč. 172, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 199 - 213

2008 [1/12] / neurčené - Hanssen, P., Bussat, S. Pitfalls in the analysis of low frequency passive seismic data [elektronický dokument] In: First break, 2008, Roč. 26, č. 6, [tlačená forma]. ISSN 0263-5046. ISSN (online) 1365-2397. - SCO, 111 - 119

2008 [1/12] / NLD - Theodoulidis, N., Cultrera, G., De Rubeis, V., Cara, F., Panou, A., Pagani, M., Teves-Costa, P. Correlation between damage distribution and ambient noise H/V spectral ratio: The SESAME project results [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2008, Roč. 6, č. 1, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 109 - 140

2009 [1/12] / GBR - Lunedei, E., Albarello, D. On the seismic noise wavefield in a weakly dissipative layered Earth [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2009, Roč. 177, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 1001 - 1014

2009 [1/12] / NLD - Jongmans, D., Bievre, G., Renalier, F., Schwartz, S., Beaurez, N., Orengo, Y. Geophysical investigation of a large landslide in glaciolacustrine clays in the Trièves area (French Alps) [elektronický dokument] In: Engineering Geology: An International Journal. Amsterdam: Elsevier, 2009, Roč. 109, č. 1-2, [tlačená forma] [online]. ISSN 0013-7952. ISSN (online) 1872-6917. - SCIE ; WOS CC, 45 - 56

2010 [1/12] / GBR - Kimman, W. P., Trampert, J. Approximations in seismic interferometry and their

effects on surface waves [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2010, Roč. 182, č. 1, [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 461 - 476

2008 [1/12] / neurčené - Semblat, J. F. Modeling seismic wave propagation in 1D/2D/3D linear and nonlinear media In: 12th International Conference on Computer Methods and Advances in Geomechanics 2008. Delhi: NIDM, 2008. - SCO, 353 - 360

2008 [1/12] / NLD - Herak, M. ModelHVSR-A Matlab (R) tool to model horizontal-to-vertical spectral ratio of ambient noise [elektronický dokument] In: Computers & Geosciences. Amsterdam: Elsevier, 2008, Roč. 34, č. 11, [tlačaná forma] [online]. ISSN 0098-3004. ISSN (online) 1873-7803. - SCIE ; SCO ; WOS CC, 1514 - 1526

2008 [1/12] / CZE - Kalab, Z., Lyubushin, A. A. Study of site effect using mining induced seismic events and ambient noise from Karvina Region [elektronický dokument] In: Acta geodynamica et geomaterialia. Praha: Akademie věd České republiky. Ústav struktury a mechaniky hornin AV ČR, 2008, Roč. 5, č. 2, 105- [tlačaná forma] [online]. ISSN 1214-9705. ISSN (online) 2336-4351. - SCIE ; SCO ; WOS CC

2008 [1/12] / neurčené - Mundepi, A. K. Site response studies using horizontal to vertical ratio in the city of Chandigarh, North India In: Himalayan Geology, 2008, Roč. 29, č. 1. ISSN 09718966. - SCIE ; SCO ; WOS CC, 87 - 93

2008 [1/12] / DEU - Tokeshi, K., Karkee, M., Cuadra, C. Estimation of Vs profile using its natural frequency and Rayleigh-wave dispersion characteristics [elektronický dokument] In: Advances in geosciences. [s.l.]: European Geosciences Union, 2008, Roč. 14, [tlačaná forma] [online]. ISSN 1680-7340. ISSN (online) 1680-7359. - SCO, 75 - 77

2009 [1/12] / neurčené - Atakan, K. The need for standardized approach for estimating the local site effects based on ambient noise recordings In: Increasing Seismic Safety by Combining Engineering Technologies and Seismological, Data Book Series: NATO Science for Peace and Security Series C. Dordrecht: Springer, 2009. - CPCI-S ; WOS CC, 3 - 15

2009 [1/12] / GBR - Driad-Lebenu, L., Lokmane, N., Semblat, J. F., Bonnet, G. Local amplification of deep mining induced vibrations Part 1: Experimental evidence for site effects in a coal basin [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2009, Roč. 29, č. 1, [tlačaná forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 39 - 50

2009 [1/12] / neurčené - Gosar, A. A microtremor soil-structure resonance study in the bovec basin (NW Slovenia) related to 1998 and 2004 damaging earthquakes In: Increasing Seismic Safety by Combining Engineering Technologies and Seismological Data : NATO Science for Peace and Security Series C - Environmental Security. Dordrecht: Springer, 2009. - CPCI-S ; WOS CC, 241 - 255

2009 [1/12] / neurčené - Gosar, A., Martinec, M. Microtremor HVSR study of site effects in the Ilirska Bistrica town area (S. Slovenia) In: Journal of Earthquake Engineering, 2009, Roč. 13, č. 1. - SCIE ; SCO ; WOS CC, 50 - 67

2009 [1/12] / neurčené - Gosar, A. Microtremor HVSR study of the seismic site effects in the area of the town of Brezice (se Slovenia) In: Acta Geotechnica Slovenica, 2009, Roč. 6, č. 2. - SCIE ; WOS CC, 30 - 45

2009 [1/12] / GBR - Margerin, L., Campillo, M., van Tiggelen, B. A., Hennino, R. Energy partition of seismic coda waves in layered media: theory and application to Pinyon Flats Observatory [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2009, Roč. 177, č. 2, [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 571 - 585

2009 [1/12] / neurčené - Nakamura, Y. Basic structure of QTS (HVSR) and examples of applications In: Increasing Seismic Safety by Combining Engineering Technologies and Seismological, Data Book Series: NATO Science for Peace and Security Series C - Environmental Security. Dordrecht: Springer, 2009. - CPCI-S ; WOS CC, 33 - 51

2010 [1/12] / GBR - Mundepi, A. K., Galiana-Merino, J. J., Kamal, Lindholm, C. Soil characteristics and site effect assessment in the city of Delhi (India) using H/V and f-k methods [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2010, Roč. 30, č. 7, [tlačaná forma].

2011 [1/12] / NLD - Mahajan, A. K., Galiana-Merino, J. J., Lindholm, C., Arora, B. R., Mundepi, A. K., Rai, N., Chauhan, N. Characterization of the sedimentary cover at the Himalayan foothills using active and passive seismic techniques [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2011, Roč. 73, č. 3, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, 196 - 206

2009 [1/12] / neurčené - Oros, E. Site effects investigation in the city of Timisoara using spectral ratio methods In: Romanian Reports on Physics, 2009, Roč. 61, č. 2. - SCIE ; SCO ; WOS CC, 347 - 358

2009 [1/12] / GBR - van der Baan, M. The origin of SH-wave resonance frequencies in sedimentary layers [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2009, Roč. 178, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1587 - 1596

2009 [1/12] / neurčené - Wang, W. J., Liu, L. B., Chen, Q. F., Zhang, J. Applications of microtremor H/V spectral ratio and array techniques in assessing the site effect and near surface velocity structure In: Chinese Journal of Geophysics (Acta Geophysica Sinica), 2009, Roč. 52, č. 6. - SCIE ; SCO ; WOS CC, 1515 - 1525

2010 [1/12] / USA - Albarello, D., Gargani, G. Providing NEHRP soil classification from the direct interpretation of effective rayleigh-wave dispersion curves [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2010, Roč. 100, č. 6, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 3284 - 3294

2010 [1/12] / NLD - Albarello, D., Lunedei, E. Alternative interpretations of horizontal to vertical spectral ratios of ambient vibrations: new insights from theoretical modeling [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2010, Roč. 8, č. 3, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 519 - 534

2010 [1/12] / NLD - Ali, M. Y., Berteussen, K. A., Small, J., Barkat, B. Low-frequency passive seismic experiments in Abu Dhabi, United Arab Emirates: implications for hydrocarbon detection [elektronický dokument] In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2010, Roč. 58, č. 5, [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCIE ; SCO ; WOS CC, 875 - 899

2010 [1/12] / USA - Cercato, M., Cara, F., Cardarelli, E., Di Filippo, G., Di Giulio, G., Milana, G. Shear-wave velocity profiling at sites with high stiffness contrasts: a comparison between invasive and non-invasive methods [elektronický dokument] In: Near Surface Geophysics. Hoboken: Wiley, 2010, Roč. 8, č. 1, [tlačená forma] [online]. ISSN 1569-4445. ISSN (online) 1873-0604. - SCIE ; SCO ; WOS CC, 75 - 94

2010 [1/12] / NLD - Endrun, B., Ohrnberger, M., Savvaidis, A. On the repeatability and consistency of three-component ambient vibration array measurements [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2010, Roč. 8, č. 3, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 535 - 570

2010 [1/12] / DEU - Gosar, A. Site effects and soil-structure resonance study in the Kobarid basin (NW Slovenia) using microtremors [elektronický dokument] In: Natural Hazards and Earth System Sciences. Mnichov: European Geosciences Union, 2010, Roč. 10, č. 4, [tlačená forma] [online]. ISSN 1561-8633. ISSN (online) 1684-9981. - SCIE ; WOS CC, 761 - 772

2010 [1/12] / NLD - Gosar, A., Roser, J., Motnikar, B. S., Zupancic, P. Microtremor study of site effects and soil-structure resonance in the city of Ljubljana (central Slovenia) [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2010, Roč. 8, č. 3, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 571 - 592

2010 [1/12] / neurčené - Haefner, R. J., Sheets, R. A., Andrews, R. E. Evaluation of the

horizontal-to-vertical spectral ratio (HVSr) seismic method to determine sediment thickness in the vicinity of the south well field, Franklin county, OH In: Ohio Journal of Science, 2010, Roč. 110, č. 4. - SCO, 77 - 85

2010 [1/12] / neurčené - Harutoonian, P., Chapman, B., Leo, C. J., Liyanapathirana, S. Characterisation of an Urban site by ambient noise HVSr method: Resonance frequencies and site amplifications In: Geotechnical Special Publication, No. 199, 2010, 2010. - SCO, 1152 - 1161

2010 [1/12] / USA - Hellel, M., Chatelain, J. L., Guillier, B., Machane, D., Ben Salem, R., Oubaiche, E. H., Haddoum, H. Heavier damages without site effects and site effects with lighter damages: Boumerdes city (Algeria) after the may 2003 earthquake [elektronický dokument] In: Seismological Research Letters. Albany: Seismological Society of America, 2010, Roč. 81, č. 1, [tlačená forma] [online]. ISSN 0895-0695. ISSN (online) 1938-2057. - SCIE ; SCO ; WOS CC, 37 - 43

2010 [1/12] / NLD - Herak, M., Allegretti, I., Herak, D., Kuk, K., Kuk, V., Maric, K., Markusic, S., Stipcevic, J. HVSr of ambient noise in Ston (Croatia): comparison with theoretical spectra and with the damage distribution after the 1996 Ston-Slano earthquake [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2010, Roč. 8, č. 3, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 483 - 499

2010 [1/12] / GBR - Lunedei, E., Albarello, D. Theoretical HVSr curves from full wavefield modelling of ambient vibrations in a weakly dissipative layered Earth [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2010, Roč. 181, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1093 - 1108

2010 [1/12] / IND - Mundepi, A. K., Mahajan, A. K. Site response evolution and sediment mapping using horizontal to vertical spectral ratios (HVSr) of ground ambient noise in Jammu city, NW India [elektronický dokument] In: Journal of the Geological Society of India. Naí Dillí: Springer Nature. Springer, 2010, Roč. 75, č. 6, [tlačená forma] [online]. ISSN 0016-7622. ISSN (online) 0974-6889. - SCIE ; SCO ; WOS CC, 799 - 806

2010 [1/12] / GBR - Poggi, V., Faeh, D. Estimating Rayleigh wave particle motion from three-component array analysis of ambient vibrations [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2010, Roč. 180, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 251 - 267

2011 [1/12] / ITA - Albarello, D., Cesi, C., Eulilli, V., Guerrini, F., Lunedei, E., Paolucci, E., Pileggi, D., Puzzilli, L. M. The contribution of the ambient vibration prospecting in seismic microzoning: An example from the area damaged by the April 6, 2009 L'Aquila (Italy) earthquake [elektronický dokument] In: Bollettino di Geofisica Teorica ed Applicata. Sgonico TS: Istituto Nazionale di Oceanografia e di Geofisica Sperimentale, 2011, Roč. 52, č. 3, [tlačená forma] [online]. ISSN 0006-6729. ISSN (online) 2239-5695. - SCIE ; SCO ; WOS CC, 513 - 538

2011 [1/12] / USA - Albarello, D., Lunedei, E. Structure of an ambient vibration wavefield in the frequency range of engineering interest ([0.5, 20] Hz): Insights from numerical modelling [elektronický dokument] In: Near Surface Geophysics. Hoboken: Wiley, 2011, Roč. 9, č. 6, [tlačená forma] [online]. ISSN 1569-4445. ISSN (online) 1873-0604. - SCIE ; SCO ; WOS CC, 543 - 559

2011 [1/12] / GBR - Cadet, H., Macau, A., Benjumea, B., Bellmund, F., Figueras, S. From ambient noise recordings to site effect assessment: The case study of Barcelona microzonation [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2011, Roč. 31, č. 3, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 271 - 281

2011 [1/12] / NLD - Cara, F., Giulio, G. D., Cavinato, G. P., Famiani, D., Milana, G. Seismic characterization and monitoring of Fucino Basin (Central Italy) [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2011, Roč. 9, č. 6, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 1961 - 1985

2011 [1/12] / NLD - Endrun, B. Love wave contribution to the ambient vibration H/V amplitude peak observed with array measurements [elektronický dokument] In: Journal of Seismology. Dordrecht: Springer Nature, 2011, Roč. 15, č. 3, [tlačená forma] [online]. ISSN 1383-4649. ISSN (online) 1573-157X.

2011 [1/12] / neurčené - Marano, S., Reller, C., Faeh, D., Loeliger, H. A. Seismic Waves Estimation and Wave Field Decomposition with Factor Graphs In: 2011 IEEE International Conference on Acoustics, Speech, and Signal Processing. New York: Institute of Electrical and Electronics Engineers, 2011. - CPCI-S ; WOS CC, 2748 - 2751

2011 [1/12] / NLD - Milana, G., Azzara, R. M., Bertrand, E., Bordoni, P., Cara, F., Cogliano, R., Cultrera, G., Di Giulio, G., Duval, A. M., Fodarella, A., Marcucci, S., Pucillo, S., Regnier, J., Riccio, G. The contribution of seismic data in microzonation studies for downtown L'Aquila [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2011, Roč. 9, č. 3, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 741 - 759

2011 [1/12] / GBR - Nicknam, A., Eslamian, Y. An EGF-based methodology for predicting compatible seismograms in the spectral domain using GA technique [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2011, Roč. 185, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 557 - 573

2011 [1/12] / NLD - Obando, E. A., Ryden, N., Ulriksen, P. A mobile multi-depth borehole sensor set-up to study the surface-to-base seismic transfer functions [elektronický dokument] In: Engineering Geology: An International Journal. Amsterdam: Elsevier, 2011, Roč. 123, č. 3, [tlačená forma] [online]. ISSN 0013-7952. ISSN (online) 1872-6917. - SCIE ; SCO ; WOS CC, 246 - 258

2011 [1/12] / USA - Over, S., Buyuksarac, A., Bekta, O., Filazi, A. Assessment of potential seismic hazard and site effect in Antakya (Hatay Province), SE Turkey [elektronický dokument] In: Environmental Earth Sciences. New York: Springer Nature. Springer International Publishing AG, 2011, Roč. 62, č. 2, [tlačená forma] [online]. ISSN 1866-6280. ISSN (online) 1866-6299. - SCIE ; SCO ; WOS CC, 313 - 326

2011 [1/12] / NLD - Rosa-Cintas, S., Galiana-Merino, J. J., Molina-Palacios, S., Rosa-Herranz, J., Garcia-Fernandez, M., Jimenez, M. J. Soil characterization in urban areas of the Bajo Segura Basin (Southeast Spain) using H/V, F-K and ESAC methods [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2011, Roč. 75, č. 3, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, 543 - 557

2011 [1/12] / GBR - Sanchez-Sesma, F. J., Rodriguez, M., Iturraran-Viveros, U., Luzon, F., Campillo, M., Margerin, L., Garcia-Jerez, A., Suarez, M., Santoyo, M. A., Rodriguez-Castellanos, A. A theory for microtremor H/V spectral ratio: Application for a layered medium [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2011, Roč. 186, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 221 - 225

2011 [1/12] / neurčené - Shabani, E., Mirzaei, N., Haghshenas, E., Eskandari-Ghadi, M. Estimating shear-waves velocity structure by combining array methods and inversion of ellipticity curves at a site in south of Tehran In: Journal of the Earth and Space Physics, 2011, Roč. 36, č. 4. - SCO, 12

2012 [1/12] / NLD - Kockar, M. K., Akgun, H. Evaluation of the site effects of the Ankara basin, Turkey [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2012, Roč. 83, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, 120 - 134

2012 [1/12] / GBR - Uebayashi, H., Kawabe, H., Kamae, K. Reproduction of microseism H/V spectral features using a three-dimensional complex topographical model of the sediment-bedrock interface in the Osaka sedimentary basin [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2012, Roč. 189, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 1060 - 1074

2012 [1/12] / NLD - Mahajan, A. K., Mundepi, A. K., Chauhan, N., Jasrotia, A. S., Rai, N., Gachhayat, T. K. Active seismic and passive microtremor HVSR for assessing site effects in Jammu city, NW Himalaya, India-A case study [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2012, Roč. 77, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, 51 - 62

2014 [1/12] / GBR - Di Giulio, G., Gaudiosi, I., Cara, F., Milana, G., Tallini, M. Shear-wave velocity profile and seismic input derived from ambient vibration array measurements: the case study of downtown

L'Aquila [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2014, Roč. 198, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 848 - 866

2011 [1/12] / neurčené - Wang, W. J., Chen, Q. F., Qi, C., Tan, Y. P., Zhang, X., Zhou, Q. Y. The feasibilities and limitations to explore the near-surface structure with microtremor HVSR method -A case in baoding area of Hebei Province, China In: Chinese Journal of Geophysics (Acta Geophysica Sinica), 2011, Roč. 54, č. 7. - SCIE ; SCO ; WOS CC, 1783 - 1797

2012 [1/12] / GBR - Burjanek, J., Moore, J. R., Molina, F. X. Y., Faeh, D. Instrumental evidence of normal mode rock slope vibration [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2012, Roč. 188, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 559 - 569

2012 [1/12] / neurčené - Gallipoli, M. R., Gizzi, F. T., Rizzo, E., Masini, N., Potenza, M. R., Albarello, D., Lapenna, V. Site features responsible for uneven seismic effects in historical centre of Melfi (Basilicata, Southern Italy) In: Disaster Advances, 2012, Roč. 5, č. 3. - SCIE ; SCO ; WOS CC, 125 - 137

2012 [1/12] / CZE - Gosar, A. Derivation of sediments iso-frequency map for the Litija basin (Central Slovenia) by microtremor analysis and implications for soil-structure resonance [elektronický dokument] In: Acta geodynamica et geomaterialia. Praha: Akademie věd České republiky. Ústav struktury a mechaniky hornin AV ČR, 2012, Roč. 9, č. 2, [tlačená forma] [online]. ISSN 1214-9705. ISSN (online) 2336-4351. - SCIE ; SCO ; WOS CC, 237 - 249

2012 [1/12] / USA - Gosar, A. Determination of masonry building fundamental frequencies in five Slovenian towns by microtremor excitation and implications for seismic risk assessment [elektronický dokument] In: Natural Hazards. New York: Springer Nature. Springer, 2012, Roč. 62, č. 3, [tlačená forma] [online]. ISSN 0921-030X. ISSN (online) 1573-0840. - SCIE ; SCO ; WOS CC, 1059 - 1079

2012 [1/12] / GBR - Harutoonian, P., Leo, C. J., Doanh, T., Castellaro, S., Zou, J. J., Liyanapathirana, D. S., Wong, H., Tokeshi, K. Microtremor measurements of rolling compacted ground [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2012, Roč. 41, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 23 - 31

2012 [1/12] / neurčené - Harutoonian, P., Leo, C. J., Liyanapathirana, S., Wong, H. Site characterisation by the hvsr technique In: Australian Geomechanics Journal, 2012, Roč. 47, č. 3. - SCO, 103 - 112

2012 [1/12] / GBR - Ikeda, T., Matsuoka, T., Tsuji, T., Hayashi, K. Multimode inversion with amplitude response of surface waves in the spatial autocorrelation method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2012, Roč. 190, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 541 - 552

2012 [1/12] / neurčené - Malischewsky, P. G., Lorato, A., Scarpa, F., Ruzzene, M. Unusual behaviour of wave propagation in auxetic structures: P-waves on free surface and S-waves in chiral lattices with piezoelectrics In: Physica Status Solidi B, 2012, Roč. 249, č. 7. - SCIE ; SCO ; WOS CC, 1339 - 1346

2012 [1/12] / GBR - Marano, S., Reller, C., Loeliger, H. A., Faeh, D. Seismic waves estimation and wavefield decomposition: application to ambient vibrations [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2012, Roč. 191, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 175 - 188

2012 [1/12] / CHE - Maresca, R., Nardone, L., Pasquale, G., Pinto, F., Bianco, F. Effects of surface geology on seismic ground motion deduced from ambient-noise measurements in the town of Avellino, Irpinia region (Italy) [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazel: Springer Nature. Springer International Publishing AG, 2012, Roč. 169, č. 7, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 1173 - 1188

2012 [1/12] / neurčené - Ovando-Shelley, E., Lermo-Samaniego, J., Auvinet, G., Mendez-Sanchez, E. Microtremor measurements to identify zones of potential fissuring in the basin of Mexico In: Geofisica Internacional, 2012, Roč. 51, č. 2. ISSN 00167169. - SCIE ; SCO ; WOS CC, 143 - 156

2012 [1/12] / DEU - Panzera, F., D'Amico, S., Lotteri, A., Galea, P., Lombardo, G. Seismic site response of unstable steep slope using noise measurements: the case study of Xemxija Bay area, Malta

[elektronický dokument] In: Natural Hazards and Earth System Sciences. Mníchov: European Geosciences Union, 2012, Roč. 12, č. 11, [tlačená forma] [online]. ISSN 1561-8633. ISSN (online) 1684-9981. - SCIE ; SCO ; WOS CC, 3421 - 3431

2012 [1/12] / neurčené - Paudyal, Y. R., Bhandary, N. P., Yatabe, R. Seismic microzonation of densely populated area of kathmandu valley of nepal using microtremor observations In: Journal of Earthquake Engineering, 2012, Roč. 16, č. 8. - SCIE ; SCO ; WOS CC, 1208 - 1229

2012 [1/12] / neurčené - Paudyal, Y. R., Yatabe, R., Bhandary, N. P., Dahal, R. K. A study of local amplification effect of soil layers on ground motion in the Kathmandu Valley using microtremor analysis In: Journal of Earthquake Engineering and Engineering Vibration, 2012, Roč. 11, č. 2. - SCIE ; SCO ; WOS CC, 257 - 268

2012 [1/12] / USA - Petrosino, S., Damiano, N., Cusano, P., Di Vito, M. A., De Vita, S., Del Pezzo, E. Subsurface structure of the Solfatara volcano (Campi Flegrei caldera, Italy) as deduced from joint seismic-noise array, volcanological and morphostructural analysis [elektronický dokument] In: Geochemistry, Geophysics, Geosystems: an AGU Journal. Washington: John Wiley & Sons. American Geophysical Union, 2012, Roč. 13, č. 7, [online]. ISSN (online) 1525-2027. - SCIE ; SCO ; WOS CC, Art. No. Q07006

2012 [1/12] / GBR - Poggi, V., Faeh, D., Burjanek, J., Giardini, D. The use of Rayleigh-wave ellipticity for site-specific hazard assessment and microzonation: application to the city of Lucerne, Switzerland [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2012, Roč. 188, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 1154 - 1172

2012 [1/12] / GBR - Rosa-Cintas, S., Galiana-Merino, J. J., Rosa-Herranz, J., Molina, S., Martinez-Espla, J. J. Polarization analysis in the stationary wavelet packet domain: Application to HVSR method [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2012, Roč. 42, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 246 - 254

2013 [1/12] / GBR - Albarello, D., Lunedei, E. Combining horizontal ambient vibration components for H/V spectral ratio estimates [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2013, Roč. 194, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 936 - 951

2013 [1/12] / USA - Ali, M. Y., Barkat, B., Berteussen, K. A., Small, J. A low-frequency passive seismic array experiment over an: Onshore oil field in Abu Dhabi, United Arab Emirates [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2013, Roč. 78, č. 4, 159- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2013 [1/12] / NLD - Buyuksarac, A., Bektas, O., Yilmaz, H., Arisoy, M. O. Preliminary seismic microzonation of Sivas city (Turkey) using microtremor and refraction microtremor (ReMi) measurements [elektronický dokument] In: Journal of Seismology. Dordrecht: Springer Nature, 2013, Roč. 17, č. 2, [tlačená forma] [online]. ISSN 1383-4649. ISSN (online) 1573-157X. - SCIE ; SCO ; WOS CC, 425 - 435

2013 [1/12] / USA - Edwards, B., Michel, C., Poggi, V., Faeh, D. Determination of site amplification from regional seismicity: Application to the Swiss National Seismic Networks [elektronický dokument] In: Seismological Research Letters. Albany: Seismological Society of America, 2013, Roč. 84, č. 4, [tlačená forma] [online]. ISSN 0895-0695. ISSN (online) 1938-2057. - SCIE ; WOS CC, 611 - 621

2013 [1/12] / NLD - Ghofrani, H., Atkinson, G. M., Goda, K. Implications of the 2011 M9.0 Tohoku Japan earthquake for the treatment of site effects in large earthquakes [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2013, Roč. 11, č. 1, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 171 - 203

2013 [1/12] / USA - Harutoonian, P., Leo, C. J., Tokeshi, K., Doanh, T., Castellaro, S., Zou, J. J., Liyanapathirana, D. S., Wong, H. Investigation of composite compacted ground using microtremors [elektronický dokument] In: Journal of geotechnical and geoenvironmental engineering. Reston: The American Society of Civil Engineers, 2013, Roč. 139, č. 9, [tlačená forma] [online]. ISSN 1090-0241. ISSN (online) 1943-5606. - SCIE ; SCO ; WOS CC, 1539 - 1553

2013 [1/12] / GBR - Harutoonian, P., Leo, C. J., Tokeshi, K., Doanh, T., Castellaro, S., Zou, J. J., Liyanapathirana, D. S., Wong, H. Investigation of dynamically compacted ground by HVSR-based approach [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2013, Roč. 46, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 20 - 29

2013 [1/12] / CHE - Laouami, N., Slimani, A. Earthquake Induced Site Effect in the Algiers-Boumerdes Region: Relation Between Spectral Ratios Higher Peaks and Observed Damage During the May 21st Mw 6.8 Boumerdes Earthquake (Algeria) [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2013, Roč. 170, č. 11, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 1785 - 1801

2013 [1/12] / NLD - Leyton, F., Ruiz, S., Sepulveda, S. A., Contreras, J. P., Rebolledo, S., Astroza, M. Microtremors' HVSR and its correlation with surface geology and damage observed after the 2010 Maule earthquake (Mw 8.8) at Talca and Curicó, Central Chile [elektronický dokument] In: Engineering Geology: An International Journal. Amsterdam: Elsevier, 2013, Roč. 161, [tlačená forma] [online]. ISSN 0013-7952. ISSN (online) 1872-6917. - SCIE ; SCO ; WOS CC, 26 - 33

2013 [1/12] / NLD - Martini, F., Lokmer, I., Jonsdottir, K., De Barros, L., Moellhoff, M., Bean, C. J., Hauser, F., Doherty, J., Ryan, C., Mongan, J. A passive low-frequency seismic experiment in the Albertine Graben, Uganda [elektronický dokument] In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2013, Roč. 61, [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCIE ; SCO ; WOS CC, 39 - 61

2013 [1/12] / ITA - Panzera, F., D'Amico, S., Galea, P., Lombardo, G., Gallipoli, M. R., Pace, S. Geophysical measurements for site response investigation: preliminary results on the island of Malta [elektronický dokument] In: Bollettino di Geofisica Teorica ed Applicata. Sgonico TS: Istituto Nazionale di Oceanografia e di Geofisica Sperimentale, 2013, Roč. 54, č. 2, [tlačená forma] [online]. ISSN 0006-6729. ISSN (online) 2239-5695. - SCIE ; SCO ; WOS CC, 111 - 128

2013 [1/12] / NLD - Panzera, F., Lombardo, G. Seismic property characterization of lithotypes cropping out in the Siracusa urban area, Italy [elektronický dokument] In: Engineering Geology: An International Journal. Amsterdam: Elsevier, 2013, Roč. 153, [tlačená forma] [online]. ISSN 0013-7952. ISSN (online) 1872-6917. - SCIE ; SCO ; WOS CC, 12 - 24

2013 [1/12] / GBR - Paudyal, Y. R., Yatabe, R., Bhandary, N. P., Dahal, R. K. Basement topography of the Kathmandu Basin using microtremor observation [elektronický dokument] In: Journal of Asian earth sciences. Oxford: Elsevier. Pergamon Press, 2013, Roč. 62, [tlačená forma] [online]. ISSN 1367-9120. ISSN (online) 1878-5786. - SCIE ; SCO ; WOS CC, 627 - 637

2013 [1/12] / NLD - Rosa-Cintas, S., Galiana-Merino, J. J., Rosa-Herranz, J., Molina, S., Giner-Caturla, J. Suitability of 10 Hz vertical geophones for seismic noise array measurements based on frequency-wavenumber and extended spatial autocorrelation analyses [elektronický dokument] In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2013, Roč. 61, [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCIE ; SCO ; WOS CC, 183 - 198

2013 [1/12] / NLD - Teves-Costa, P., Veludo, I. Soil characterization for seismic damage scenarios purposes: application to Angra do Heroismo (Azores) [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2013, Roč. 11, č. 2, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 401 - 421

2013 [1/12] / NLD - Yalcinkaya, E., Tekebas, S., Pinar, A. Analysis of ambient noise in Yalova, Turkey: discrimination between artificial and natural excitations [elektronický dokument] In: Journal of Seismology. Dordrecht: Springer Nature, 2013, Roč. 17, č. 3, [tlačená forma] [online]. ISSN 1383-4649. ISSN (online) 1573-157X. - SCIE ; SCO ; WOS CC, 1021 - 1039

2014 [1/12] / IND - Akgun, M., Gonenc, T., Pamukcu, O., Ozyalin, S. Investigation of the relationship between ground and engineering bedrock at northern part of the Gulf of Izmir by borehole data supported geophysical works [elektronický dokument] In: Journal of Earth System Science. Bangalúr: Indian Academy of Sciences, 2014, Roč. 123, č. 3, [tlačená forma] [online]. ISSN 0253-4126. ISSN (online)

2014 [1/12] / NLD - Clavero, D., Rosa-Cintas, S., Lopez-Casado, C., Delgado, J., Galiana-Merino, J. J. Shear wave velocity estimation in the metropolitan area of Málaga (S Spain) [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2014, Roč. 109, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, 175 - 185

2014 [1/12] / neurčené - Di Giulio, G., Vassallo, M., Boscatto, G., Dal Cin, A., Russo, S. Seismic monitoring by piezoelectric accelerometers of a damaged historical monument in downtown L'Aquila In: Annals of Geophysics, 2014, Roč. 57, č. 6. - SCIE ; SCO ; WOS CC, Art. No. S0654

2014 [1/12] / neurčené - Gimbert, F., Tsai, V. C., Lamb, M. P. A physical model for seismic noise generation by turbulent flow in rivers In: Journal of Geophysical Research-Earth Surface, 2014, Roč. 119, č. 10. - SCIE ; SCO ; WOS CC, 2209 - 2238

2014 [1/12] / NLD - Macau, A., Benjumea, B., Gabas, A., Figueras, S., Vila, M. The Effect of Shallow Quaternary Deposits on the Shape of the H/V Spectral Ratio [elektronický dokument] In: Surveys in Geophysics: an international review journal of geophysics and planetary sciences: an International Review Journal Covering the Entire Field of Geosciences and Related Areas. [Amsterdam]: Springer Nature, 2014, Roč. 36, č. 1, [tlačená forma] [online]. ISSN 0169-3298. ISSN (online) 1573-0956. - SCO, 185 - 208

2014 [1/12] / GBR - Marano, S., Faeh, D. Processing of translational and rotational motions of surface waves: performance analysis and applications to single sensor and to array measurements [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2014, Roč. 196, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 317 - 339

2014 [1/12] / NLD - Milana, G., Bordoni, P., Cara, F., Di Giulio, G., Hailemichael, S., Rovelli, A. 1D velocity structure of the Po River plain (Northern Italy) assessed by combining strong motion and ambient noise data [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2014, Roč. 12, č. 5, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 2195 - 2209

2014 [1/12] / CHE - Pilz, M., Parolai, S., Bindi, D., Saponaro, A., Abdybachaev, U. Combining seismic noise techniques for landslide characterization [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Basel: Springer Nature. Springer International Publishing AG, 2014, Roč. 171, č. 8, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 1729 - 1745

2014 [1/12] / neurčené - Teves-Costa, P., Almeida, I. M., Rodrigues, I., Matildes, R., Pinto, C. Geotechnical characterization and seismic response of shallow geological formations in downtown Lisbon In: Annals of Geophysics, 2014, Roč. 57, č. 4. - SCIE ; WOS CC, Art. No. S0436

2014 [1/12] / NLD - Woith, H., Parolai, S., Boxberger, T., Picozzi, M., Ozmen, O. T., Milkereit, C., Luehr, B. G., Zschau, J. Spatio-temporal variability of seismic noise above a geothermal reservoir [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2014, Roč. 106, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, 128 - 138

2015 [1/12] / DEU - Alyousef, K., Aldamegh, K., Abdelrahman, K., Loni, O., Saud, R., Al-Amri, A., Fnais, M. Evaluation of site response characteristics of King Abdulaziz City for Science and Technology, Saudi Arabia using microtremors and geotechnical data [elektronický dokument] In: Arabian Journal of Geosciences. Heidelberg: Springer Nature, 2015, Roč. 8, č. 7, [tlačená forma]. ISSN 1866-7511. ISSN (online) 1866-7538. - SCIE ; SCO ; WOS CC, 5181 - 5188

2015 [1/12] / neurčené - Famiani, D., Boncio, P., Cara, F., Coglianò, R., Di Giulio, G., Fodarella, A., Milana, G., Pucillo, S., Riccio, G., Vassallo, M. Local Seismic Response in a Large Intra-mountain Basin as Observed from Earthquakes and Microtremor Recordings: The Avezzano Area (Central Italy) In: Engineering Geology for Society and Territory, Vol 5 : Urban Geology, Sustainable Planning and Landscape Exploitation. Cham: Springer, 2015. - CPCI-S ; SCO ; WOS CC, 1153 - 1157

2015 [1/12] / CHE - Fazlavi, M., Haghshenas, E. Importance of mode detection in ambient noise array application for shear wave velocity profile determination [elektronický dokument] In: International Journal of Civil Engineering. Cham: Springer Nature. Springer International Publishing AG, 2015, Roč. 13, č. 1,

[tlačená forma] [online]. ISSN 1735-0522. ISSN (online) 2383-3874. - SCIE ; SCO ; WOS CC, 62 - 72

2015 [1/12] / NLD - Garcia-Jerez, A., Sanchez-Sesma, F. J. Slowly-attenuating P-SV leaky waves in a layered elastic halfspace. Effects on the coherences of diffuse wavefields [elektronický dokument] In: Wave Motion. Amsterdam: Elsevier. Elsevier Science, 2015, Roč. 54, [tlačená forma] [online]. ISSN 0165-2125. ISSN (online) 1878-433X. - SCIE ; SCO ; WOS CC, 43 - 57

2015 [1/12] / NLD - Kassaras, I., Kalantoni, D., Benetatos, C., Kaviris, G., Michalaki, K., Sakellariou, N., Makropoulos, K. Seismic damage scenarios in Lefkas old town (W. Greece) [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2015, Roč. 13, č. 12, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 3669 - 3711

2015 [1/12] / NLD - Li, G., Li, Y., Yang, B. Effect of wind on seismic exploration random noise on land: Modeling and analyzing [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2015, Roč. 119, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, 106 - 118

2015 [1/12] / neurčené - Li, G. H., Li, Y. Wave equation modeling of random noise in seismic exploration for metal deposits in mountainous areas In: Chinese Journal of Geophysics-Chinese Edition, 2015, Roč. 58, č. 12. - SCIE ; SCO ; WOS CC, 4576 - 4593

2015 [1/12] / GBR - Lontsi, A. M., Jose Sanchez-Sesma, F., Camillo Molina-Villegas, J., Ohrnberger, M., Krueger, F. Full microtremor H/V(z,f) inversion for shallow subsurface characterization [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2015, Roč. 202, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 298 - 312

2015 [1/12] / neurčené - Lunedei, E., Malischewsky, P. A Review and Some New Issues on the Theory of the H/V Technique for Ambient Vibrations In: Perspectives on European Earthquake Engineering and Seismology, Vol 2 : Geotechnical Geological and Earthquake Engineering. Dordrecht: Springer, 2015. - CPCIS ; SCO ; WOS CC, 371 - 394

2015 [1/12] / GBR - Lunedei, E., Albarello, D. Horizontal-to-vertical spectral ratios from a full-wavefield model of ambient vibrations generated by a distribution of spatially correlated surface sources [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2015, Roč. 201, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 1142 - 1155

2015 [1/12] / NLD - Macau, A., Benjumea, B., Gabas, A., Figueras, S., Vila, M. The Effect of Shallow Quaternary Deposits on the Shape of the H/V Spectral Ratio [elektronický dokument] In: Surveys in Geophysics: an international review journal of geophysics and planetary sciences: an International Review Journal Covering the Entire Field of Geosciences and Related Areas. [Amsterdam]: Springer Nature, 2015, Roč. 36, č. 1, [tlačená forma] [online]. ISSN 0169-3298. ISSN (online) 1573-0956. - SCIE ; SCO ; WOS CC, 185 - 208

2015 [1/12] / GBR - Mitsui, Y., Heki, K. Report on a characteristic oscillation about 38mHz (26 s) in northeastern Japan following surface wave of the 2011 Tohoku megathrust earthquake [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2015, Roč. 202, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 419 - 423

2015 [1/12] / GBR - Mundepi, A. K., Galiana-Merino, J. J., Asthana, A. K. L., Rosa-Cintas, S. Soil characteristics in Doon Valley (north west Himalaya, India) by inversion of H/V spectral ratios from ambient noise measurements [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2015, Roč. 77, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 309 - 320

2015 [1/12] / GBR - Natarajan, T., Rajendran, K. Estimates of site response based on spectral ratio between horizontal and vertical components of ambient vibrations in the source zone of 2001 Bhuj earthquake [elektronický dokument] In: Journal of Asian earth sciences. Oxford: Elsevier. Pergamon Press, 2015, Roč. 98, [tlačená forma] [online]. ISSN 1367-9120. ISSN (online) 1878-5786. - SCIE ; SCO ; WOS CC, 85 - 97

2015 [1/12] / USA - Overduin, P. P., Haberland, C., Ryberg, T., Kneier, F., Jacobi, T., Grigoriev, M. N., Ohrnberger, M. Submarine permafrost depth from ambient seismic noise [elektronický dokument] In: Geophysical Research Letters. Washington: John Wiley & Sons. American Geophysical Union, 2015, Roč. 42, č. 18, [tlačená forma] [online]. ISSN 0094-8276. ISSN (online) 1944-8007. - SCIE ; SCO ; WOS CC, 7581 - 7588

2015 [1/12] / DEU - Ozdag, O. C., Gonenc, T., Akgun, M. Dynamic amplification factor concept of soil layers: a case study in A degrees zmir (Western Anatolia) [elektronický dokument] In: Arabian Journal of Geosciences. Heidelberg: Springer Nature, 2015, Roč. 8, č. 11, [tlačená forma]. ISSN 1866-7511. ISSN (online) 1866-7538. - SCIE ; SCO ; WOS CC, 10093 - 10104

2016 [1/12] / GBR - Di Giulio, G., de Nardis, R., Boncio, P., Milana, G., Rosatelli, G., Stoppa, F., Lavecchia, G. Seismic response of a deep continental basin including velocity inversion: the Sulmona intramontane basin (Central Apennines, Italy) [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 204, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 418 - 439

2016 [1/12] / DEU - Kalie, A. E., Hafiez, A. H. E., Mossa, H. The efficiency of horizontal to vertical spectral ratio technique for buried monuments delineation (case study, Saqqara (Zoser) pyramid, Egypt) [elektronický dokument] In: Arabian Journal of Geosciences. Heidelberg: Springer Nature, 2016, Roč. 9, č. 1, [tlačená forma]. ISSN 1866-7511. ISSN (online) 1866-7538. - SCIE ; SCO ; WOS CC, Art. No. 7

2015 [1/12] / USA - Panzera, F., Lombardo, G., Monaco, C., Di Stefano, A. Seismic site effects observed on sediments and basaltic lavas outcropping in a test site of Catania, Italy [elektronický dokument] In: Natural Hazards. New York: Springer Nature. Springer, 2015, Roč. 79, č. 1, [tlačená forma] [online]. ISSN 0921-030X. ISSN (online) 1573-0840. - SCIE ; SCO ; WOS CC, 1 - 27

2015 [1/12] / NLD - Paolucci, E., Albarello, D., D'Amico, S., Lunedei, E., Martelli, L., Mucciarelli, M., Pileggi, D. A large scale ambient vibration survey in the area damaged by May-June 2012 seismic sequence in Emilia Romagna, Italy [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2015, Roč. 13, č. 11, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 3187 - 3206

2015 [1/12] / NLD - Spica, Z., Caudron, C., Perton, M., Lecocq, T., Camelbeeck, T., Legrand, D., Pina-Flores, J., Iglesias, A., Syahbana, D. K. Velocity models and site effects at Kawah Ijen volcano and Ijen caldera (Indonesia) determined from ambient noise cross-correlations and directional energy density spectral ratios [elektronický dokument] In: Journal of Volcanology and Geothermal Research: an International Journal on the Geophysical, Geochemical, Petrological, Economic and Environmental Aspects of Volcanology and Geothermal Research. Amsterdam: Elsevier, 2015, Roč. 302, [tlačená forma] [online]. ISSN 0377-0273. ISSN (online) 1872-6097. - SCIE ; SCO ; WOS CC, 173 - 189

2015 [1/12] / GBR - Villani, F., Pucci, S., Civico, R., De Martini, P. M., Nicolosi, I., Caracciolo, F. D., Carluccio, R., Di Giulio, G., Vassallo, M., Smedile, A., Pantosti, D. Imaging the structural style of an active normal fault through multidisciplinary geophysical investigation: a case study from the M-w 6.1, 2009 L'Aquila earthquake region (central Italy) [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2015, Roč. 200, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 1676 - 1691

2015 [1/12] / neurčené - Wilken, D., Wunderlich, T., Majchczack, B., Andersen, J., Rabbel, W. Rayleigh-wave Resonance Analysis: a Methodological Test on a Viking Age Pit House In: Archaeological Prospection. Mattersburg: Österreichische Akademie der Wissenschaften, 2015, Roč. 22, č. 3. ISBN 978-3-7001-7459-2. - SCIE ; SCO ; WOS CC, 187 - 206

2016 [1/12] / neurčené - Anggono, T., Syuhada, Hananto, N. D., Handayani, L. Site Response Characteristics of Simeulue Island, Indonesia as Inferred from H/V Spectral Ratio of Ambient Noise Records In: Journal of Mathematical and Fundamental Sciences, 2016, Roč. 48, č. 2. - SCIE ; SCO ; WOS CC, 130 - 142

2016 [1/12] / GBR - Birnie, C., Chambers, K., Angus, D., Stork, A. L. Analysis and models of pre-injection surface seismic array noise recorded at the aquistore carbon storage site [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 206, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1246 - 1260

2016 [1/12] / DEU - Carvalho, J. F., Teves-Costa, P., Almeida, L., Almeida, I. M. Seismic susceptibility map for Cascais County (Portugal): a simple approach [elektronický dokument] In: Bulletin of Engineering Geology and the Environment: The official journal of the IAEG. Berlín: Springer Nature. Springer International Publishing AG, 2016, Roč. 75, č. 3, [tlačená forma]. ISSN 1435-9529. ISSN (online) 1435-9537. - SCIE ; SCO ; WOS CC, 1227 - 1249

2016 [1/12] / NLD - Dal Moro, G., Keller, L., Al-Arifi, N. S., Moustafa, S. S. R. Shear-wave velocity profiling according to three alternative approaches: A comparative case study [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2016, Roč. 134, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, 112 - 124

2016 [1/12] / GBR - Farrugia, D., Paolucci, E., D'Amico, S., Galea, P. Inversion of surface wave data for subsurface shear wave velocity profiles characterized by a thick buried low-velocity layer [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 206, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1221 - 1231

2016 [1/12] / NLD - Gao, Y., Jiang, Y., Li, B. Voids delineation behind tunnel lining based on the vibration intensity of microtremors In: Tunnelling and Underground Space Technology. Amsterdam: Elsevier, 2016, Roč. 51, [tlačená forma]. ISSN 0886-7798. - SCIE ; SCO ; WOS CC, 338 - 345

2016 [1/12] / NLD - Gouveia, F., Lopes, I., Gomes, R. C. Deeper V-S profile from joint analysis of Rayleigh wave data [elektronický dokument] In: Engineering Geology: An International Journal. Amsterdam: Elsevier, 2016, Roč. 202, [tlačená forma] [online]. ISSN 0013-7952. ISSN (online) 1872-6917. - SCIE ; SCO ; WOS CC, 85 - 98

2016 [1/12] / NLD - Imposa, S., Grassi, S., De Guidi, G., Battaglia, F., Lanaia, G., Scudero, S. 3D Subsoil Model of the San Biagio 'Salinelle' Mud Volcanoes (Belpasso, Sicily) derived from Geophysical Surveys [elektronický dokument] In: Surveys in Geophysics: an international review journal of geophysics and planetary sciences: an International Review Journal Covering the Entire Field of Geosciences and Related Areas. [Amsterdam]: Springer Nature, 2016, Roč. 37, č. 6, [tlačená forma] [online]. ISSN 0169-3298. ISSN (online) 1573-0956. - SCIE ; SCO ; WOS CC, 1117 - 1138

2016 [1/12] / USA - Layadi, K., Semmane, F., Yelles-Chaouche, A. K. Site-Effects Investigation in the City of Chlef (Formerly El-Asnam), Algeria, Using Earthquake and Ambient Vibration Data [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2016, Roč. 106, č. 5, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2185 - 2196

2016 [1/12] / neurčené - Li, G. H., Li, Y. Random noise of seismic exploration in desert modeling and its applying in noise attenuation In: Chinese Journal of Geophysics-Chinese Edition, 2016, Roč. 59, č. 2. - SCIE ; SCO ; WOS CC, 682 - 692

2016 [1/12] / neurčené - Lontsi, A. M., Ohrnberger, M., Kruger, F., Sanchez-Sesma, F. J. Combining surface-wave phase-velocity dispersion curves and full microtremor horizontal-to-vertical spectral ratio for subsurface sedimentary site characterization In: Interpretation-A Journal of Subsurface Characterization, 2016, Roč. 4, č. 4. - SCIE ; SCO ; WOS CC

2016 [1/12] / neurčené - Macau, A., Benjumea, B., Figueras, S., Puig, R., Gabas, A., Bellmunt, F., Roca, A. Combination of active and passive seismic methods for subsoil characterization of seismic stations In: 22nd European Meeting of Environmental and Engineering Geophysics, Near Surface Geoscience 2016. Barcelona: EAGE, 2016. - SCO, nestr.

2016 [1/12] / neurčené - Masi, A., Santarsiero, G., Chiauuzzi, L., Gallipoli, M. R., Piscitelli, S., Vignola, L., Bellanova, J., Calamita, G., Perrone, A., Lizza, C., Grimaz, S. Different damage observed in the villages of Pescara del Tronto and Vezzano after the M6.0 August 24, 2016 Central Italy earthquake and site effects analysis In: Annals of Geophysics, 2016, Roč. 59. - SCIE ; SCO ; WOS CC, Art. No. 7271

2016 [1/12] / neurčené - Mendecki, M. J., Bieta, B., Mateuszow, M., Suszka, P. Comparison of site effect values obtained by HVSr and HVSrN methods for single-station measurements in Tarnowek, South-Western Poland. In: Contemporary Trends in Geoscience, 2016, Roč. 5, č. 1. - SCIE ; WOS CC, 18 - 27

2016 [1/12] / neurčené - Montalva, G. A., Chavez-Garcia, F. J., Tassara, A., Jara Weisser, D. M. Site effects and building damage characterization in concepcion after the M-w 8.8 Maule earthquake In: Earthquake Spectra, 2016, Roč. 32, č. 3. - SCIE ; SCO ; WOS CC, 1469 - 1488

2016 [1/12] / neurčené - Motoki, K., Watanabe, T., Kato, K. -Takesue, K., Yamanaka, H., Iiba, M., Koyama, S. Characteristics Of temporal and spatial variation in peak periods of horizontal to vertical spectral ratios of microtremors - Case study at flat engineering bedrock sites and its interpretation In: Journal of Structural and Construction Engineering, 2016, Roč. 81, č. 721. - SCO, 437 - 445

2016 [1/12] / NLD - Mulargia, F., Castellaro, S. HVSR deep mapping tested down to similar to 1.8 km in Po Plane Valley, Italy [elektronický dokument] In: Physics of the Earth and Planetary Interiors: a journal devoted to observational and experimental studies of the earth and planetary interiors and their theoretical interpretation by the physical sciences. Amsterdam: Elsevier, 2016, Roč. 261, [tlačená forma] [online]. ISSN 0031-9201. ISSN (online) 1872-7395. - SCIE ; SCO ; WOS CC, 17 - 23

2016 [1/12] / USA - Oubaiche, E. H., Chatelain, J. L., Hellel, M., Wathelet, M., Machane, D., Bensalem, R., Bouguern, A. The Relationship between Ambient Vibration H/V and SH Transfer Function: Some Experimental Results [elektronický dokument] In: Seismological Research Letters. Albany: Seismological Society of America, 2016, Roč. 87, č. 5, [tlačená forma] [online]. ISSN 0895-0695. ISSN (online) 1938-2057. - SCIE ; WOS CC, 1112 - 1119

2016 [1/12] / ITA - Panzera, F., Lombardo, G., Monaco, C. New evidence of wavefield polarization on fault zone in the lower NE slope of Mt. Etna [elektronický dokument] In: Italian Journal of Geosciences. Roma: Societa Geologica Italiana, 2016, Roč. 135, č. 2, [tlačená forma] [online]. ISSN 2038-1719. ISSN (online) 2038-1727. - SCIE ; SCO ; WOS CC, 250 - 260

2016 [1/12] / NLD - Pasten, C., Saez, M., Ruiz, S., Leyton, F., Salomon, J., Poli, P. Deep characterization of the Santiago Basin using HVSR and cross-correlation of ambient seismic noise [elektronický dokument] In: Engineering Geology: An International Journal. Amsterdam: Elsevier, 2016, Roč. 201, [tlačená forma] [online]. ISSN 0013-7952. ISSN (online) 1872-6917. - SCIE ; SCO ; WOS CC, 57 - 66

2016 [1/12] / NLD - Peruzzi, G., Albarello, D., Baglione, M., D'Intinosante, V., Fabbroni, P., Pileggi, D. Assessing 1D litho-stratigraphical amplification factor for microzoning studies in Italy [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2016, Roč. 14, č. 2, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 373 - 389

2016 [1/12] / GBR - Rong, M., Wang, Z., Woolery, E. W., Lyu, Y., Li, X., Li, S. Nonlinear site response from the strong ground-motion recordings in western China [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2016, Roč. 82, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 99 - 110

2016 [1/12] / neurčené - Scheib, A., Morris, P., Murdie, R., Delle Piane, C. A passive seismic approach to estimating the thickness of sedimentary cover on the Nullarbor Plain, Western Australia [elektronický dokument] In: Australian Journal of Earth Sciences, 2016, Roč. 63, č. 5. ISSN 08120099. ISSN (online) 14400952. - SCIE ; SCO ; WOS CC, 583 - 598

2016 [1/12] / GBR - Teague, D. P., Cox, B. R. Site response implications associated with using non-unique Vs profiles from surface wave inversion in comparison with other commonly used methods of accounting for Vs uncertainty [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2016, Roč. 91, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 87 - 103

2017 [1/12] / GBR - Del Gaudio, V. Instantaneous polarization analysis of ambient noise recordings in site response investigations [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 210, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 443 - 464

2017 [1/12] / GBR - Carcione, J.M. – Picotti, S. – Francese, R. – Giorgi, M. – Pettenati, F. Effect of soil and bedrock anelasticity on the S-wave amplification function [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 208, č. 1, [tlačená forma] [online]. ISSN

2017 [1/12] / NLD - Bignardi, S. The uncertainty of estimating the thickness of soft sediments with the HVSR method: A computational point of view on weak lateral variations [elektronický dokument]. DOI 10.1016/j.jappgeo.2017.07.017 In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2017, Roč. 145, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; WOS CC, 28 - 38

2017 [1/12] / neurčené - Di Naccio, D. – Vassallo, M. – Di Giulio, G. – Amoroso, S. – Cantore, L. – Hailemichael, S. – Falcucci, E. – Gori, S. – Mailana, G. Seismic amplification in a fractured rock site. The case study of San Gregorio (L'Aquila, Italy). DOI 10.1016/j.pce.2016.07.004 In: Physics and Chemistry of the Earth, 2017, Roč. 98. ISSN 1464-7065. - SCIE ; WOS CC, 90 - 106

2017 [1/12] / DEU - Gosar, A. Study on the applicability of the microtremor HVSR method to support seismic microzonation in the town of Idrija (W Slovenia) [elektronický dokument] In: Natural Hazards and Earth System Sciences. Mníchov: European Geosciences Union, 2017, Roč. 17, č. 6, [tlačená forma] [online]. ISSN 1561-8633. ISSN (online) 1684-9981. - SCIE ; WOS CC, 925 - 937

2017 [1/12] / NLD - Gueguen, P. – Langlais, M. – Garambois, S. – Voisin, C. – Douste/Bacque, I. How sensitive are site effects and building response to extreme cold temperature? The case of the Grenoble's (France) City Hall building [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2017, Roč. 15, č. 3, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; WOS CC, 889 - 906

2017 [1/12] / DEU - Chabane, S. – Machane, D. – Tebbouche, M.Y. – Khaldouy, F. – Oubaiche, E. – Bensalem, R. – Mariscal, A. Ambient seismic vibration analysis and ground characterization in the vicinity of Algiers seismic zone [elektronický dokument] In: Arabian Journal of Geosciences. Heidelberg: Springer Nature, 2017, Roč. 10, č. 3, [tlačená forma]. ISSN 1866-7511. ISSN (online) 1866-7538. - SCIE ; WOS CC, Art. No. 69

2017 [1/12] / NLD - Imposa, S. – Panzera, F. – Grassi, S. – Lombardo, G. – Catalano, S. – Romagnoli, G. – Tortorici, G. Geophysical and geologic surveys of the areas struck by the August 26th 2016 Central Italy earthquake: The study case of Pretare and Piedilama [elektronický dokument]. DOI 10.1016/j.jappgeo.2017.07.016 In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2017, Roč. 145, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; WOS CC, 17 - 27

2017 [1/12] / neurčené - Kassaras, I. – Papadimitriou, P. – Kaptenidis, V. – Voulgaris, N. Seismic site characterization at the western Cephalonia Island in the aftermath of the 2014 earthquake series In: International Journal of Geo-Engineering, 2017, Roč. 8, č. 1. - ESCI ; WOS CC, Art. No. 7

2017 [1/12] / DEU - Kedar, S. – Andrade, J. – Banerdt, B. – Delage, P. – Golombek, M. – Grott, M. – Hudson, T. – Kiely, A. – Knapmeyer, M. – Knapmeyer-Endrun, B. – Krause, C. – Kawamura, T. – Lognonne, P. – Pike, T. – Ruan, Y. – Spohn, T. – Teanby, N. – Tromp, J. – Wookey, J. Analysis of Regolith Properties Using Seismic Signals Generated by InSight's HP3 Penetrator. DOI 10.1007/s11214-017-0391-3 In: Space science reviews. Berlín: Springer Nature. Springer Science+Business Media, 2017, Roč. 211, č. 1-4, [tlačená forma]. ISSN 0038-6308. - SCIE ; WOS CC, 315 - 337

2017 [1/12] / DEU - Knapmeyer-Endrun, B. – Golombek, M.P. – Ohrnberger, M. Rayleigh Wave Ellipticity Modeling and Inversion for Shallow Structure at the Proposed InSight Landing Site in Elysium Planitia. DOI 10.1007/s11214-016-0300-1 In: Space science reviews. Berlín: Springer Nature. Springer Science+Business Media, 2017, Roč. 211, č. 1-4, [tlačená forma]. ISSN 0038-6308. - SCIE ; WOS CC, 339 - 382

2017 [1/12] / USA - Li, G.H. – Li, Y. – Yang, B.J. Seismic Exploration Random Noise on Land: Modeling and Application to Noise Suppression [elektronický dokument] In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2017, Roč. 55, č. 8, [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCIE ; WOS CC, 4668 - 4681

2017 [1/12] / GBR - Martorana, R. – Capizzi, P. – Avellone, G. – D'Alessandro, A. – Siragusa, R. – Luzio, D. Assessment of a geological model by surface wave analyses [elektronický dokument] In: Journal of Geophysics and Engineering. Oxford: Oxford University Press, 2017, Roč. 14, č. 1, [tlačená forma] [online]. ISSN 1742-2132. ISSN (online) 1742-2140. - SCIE ; WOS CC, 159 - 172

2017 [1/12] / CHE - Mokhberi, M. – Haghshenas, E. – Davoodi, M. – Jafari, M.K. Evaluating the Correspondence of H/V Spectral ratio to Rayleigh Wave's Ellipticity [elektronický dokument] In: Geotechnical and Geological Engineering: An International Journal. Cham: Springer Nature, 2017, Roč. 35, č. 6, [tlačená forma] [online]. ISSN 0960-3182. ISSN (online) 1573-1529. - ESCI ; WOS CC, 2817 - 2825

2017 [1/12] / NLD - Mucciarelli, M. – Gallipoli, M.R. – Lizza, C. – Vignola, L. Site condition at accelerometric stations in Southern Italy: observations gained from peculiar cases [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2017, Roč. 15, č. 6, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; WOS CC, 2367 - 2376

2017 [1/12] / NLD - Natarajan, T. – Rajendran, K. Site responses based on ambient vibrations and earthquake data: a case study from the meizoseismal area of the 2001 Bhuj earthquake [elektronický dokument] In: Journal of Seismology. Dordrecht: Springer Nature, 2017, Roč. 21, č. 2, [tlačená forma] [online]. ISSN 1383-4649. ISSN (online) 1573-157X. - SCIE ; WOS CC, 335 - 347

2017 [1/12] / DEU - Panning, M.P. – Lognonne, P. – Benard, W.B. – Garcia, R. – Golombek, M. – Kedar, S. – Knapmeyer-Endrun, B. – Mocquet, A. – Teanby, N.A. – Tromp, J. – Weber, R. – Beucier, E. – Blanchette-Guérin, J.F. – Bozdog, E. – Drilleau, M. – Gudkova, T. – Hempel, S. – Khan, A. – Lekic, V. – Murdoch, V. – Plesa, A.C. – Rivoldini, A. – Schmerr, N. – Ruan, Y. – Verhoeven, O. – Gao, C. – Christensen, U. – Clinton, J. – Dehant, V. – Giardini, D. – Mimoun, D. – Pike, W.T. – Smrekar, S. – Wiecek, M. – Knapmeyer, M. – Wookey, J. Planned Products of the Mars Structure Service for the InSight Mission to Mars. DOI 10.1007/s11214-016-0317-5 In: Space science reviews. Berlín: Springer Nature. Springer Science+Business Media, 2017, Roč. 211, č. 1-4, [tlačená forma]. ISSN 0038-6308. - SCIE ; WOS CC, 611 - 650

2017 [1/12] / GBR - Panzera, F. – Halldorsson, B. – Vogfjörð, K. Directional effects of tectonic fractures on ground motion site amplification from earthquake and ambient noise data: A case study in South Iceland [elektronický dokument]. DOI 10.1016/j.soildyn.2017.03.024 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2017, Roč. 97, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; WOS CC, 143 - 154

2017 [1/12] / GBR - Paolucci, E. – Lunedei, E. – Albarello, D. Application of the principal component analysis (PCA) to HVSR data aimed at the seismic characterization of earthquake prone areas [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 211, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 650 - 662

2017 [1/12] / USA - Peruzzi, G. – Albarello, D. – Coltorti, M. – Lunedei, E. – Pieruccini, P. Seismic Hazard Assessment at Municipality Scale: UNESCO Cultural Heritage Site of San Gimignano, Italy [elektronický dokument] In: Journal of Performance of Constructed Facilities. Reston: The American Society of Civil Engineers, 2017, Roč. 31, č. 5, [tlačená forma] [online]. ISSN 0887-3828. ISSN (online) 1943-5509. - SCIE ; WOS CC, Art. No. 04017036

2017 [1/12] / neurčené - Picotti, S. – Francese, R. – Giogri, M. – Pattenati, F. – Carcione, R.M. Estimation of glacier thicknesses and basal properties using the horizontal-to-vertical component spectral ratio (HVSR) technique from passive seismic data In: Journal of Glaciology, 2017, Roč. 63, č. 238. - SCIE ; WOS CC, 229 - 248

2017 [1/12] / USA - Rong, M.S. – Fu, L.Y. – Li, X.J. On the Amplitude Discrepancy of HVSR and Site Amplification from Strong-Motion Observations [elektronický dokument] In: Bulletin of the Seismological Society of America. El Cerrito: Seismological Society of America, 2017, Roč. 107, č. 6, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; WOS CC, 2873 - 2884

2017 [1/12] / GBR - Rosa-Cintas, S. – Clavero, D. – Delgado, J. – Lopez-Casado, C. – Galiana-Merino, J.J. – Garrido, J. Characterization of the shear wave velocity in the metropolitan area of Malaga (S Spain) using the H/V technique [elektronický dokument]. DOI 10.1016/j.soildyn.2016.10.016 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2017, Roč. 92, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; WOS CC, 433 - 442

2017 [1/12] / NLD - Salazar, W. – Mannette, G. – Reddock, K. – Ash, C. High-resolution grid of H/V spectral ratios and spatial variability on microtremors at Port of Spain, Trinidad [elektronický dokument] In: Journal of Seismology. Dordrecht: Springer Nature, 2017, Roč. 21, č. 6, [tlačená forma] [online]. ISSN 1383-4649. ISSN (online) 1573-157X. - SCIE ; WOS CC, 1541 - 1557

2017 [1/12] / GBR - Sant, D.A. – Parvez, I.A. – Rangarajan, G. – Patel, S.J. – Bhatt, M.N. – Salam, T.A.S. Subsurface profiling along Banni Plains and bounding faults, Kachchh, Western India using microtremors method [elektronický dokument]. DOI 10.1016/j.jseaes.2017.06.002 In: Journal of Asian earth sciences. Oxford: Elsevier. Pergamon Press, 2017, Roč. 146, [tlačená forma] [online]. ISSN 1367-9120. ISSN (online) 1878-5786. - SCIE ; WOS CC, 326 - 336

2017 [1/12] / USA - Singh, A.P. – Parmar, A. – Chopra, S. Microtremor study for evaluating the site response characteristics in the Surat City of western India [elektronický dokument] In: Natural Hazards. New York: Springer Nature. Springer, 2017, Roč. 89, č. 3, [tlačená forma] [online]. ISSN 0921-030X. ISSN (online) 1573-0840. - SCIE ; WOS CC, 1145 - 1166

2017 [1/12] / GBR - Stanko, D. – Markusic, S. – Strelec, S. – Gazdek, M. HVSR analysis of seismic site effects and soil-structure resonance in Varadin city (North Croatia) [elektronický dokument]. DOI 10.1016/j.soildyn.2016.10.022 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2017, Roč. 92, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; WOS CC, 666 - 677

2017 [1/12] / DEU - Tebbouche, M.Y. – Machane, D. – Chabane, S. – Oubaiche, E.H. – Meziani, A.A. – Benamar, D.A. – Moulouel, H. – Lounis, G.C. – Bensalem, R. – Bendaoud, A. Imagery of themetamorphic bedrock roof of the Sahel active fault in the Sablettes (Algiers) reclaimed area by ambient vibration HVSR [elektronický dokument] In: Arabian Journal of Geosciences. Heidelberg: Springer Nature, 2017, Roč. 10, č. 13, [tlačená forma]. ISSN 1866-7511. ISSN (online) 1866-7538. - SCIE ; WOS CC, Art. No. 292

2017 [1/12] / GBR - Ullah, I. – Prado, R.L. Soft sediment thickness and shear-wave velocity estimation from the H/V technique up to the bedrock at meteorite impact crater site, Sao Paulo city, Brazil [elektronický dokument]. DOI 10.1016/j.soildyn.2017.01.015 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2017, Roč. 94, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; WOS CC, 215 - 222

2017 [1/12] / neurčené - Wu, H. – Masaki, K. – Irikura, K. – Sanchez-Sesma, F.J. Application of a simplified calculation for full-wave microtremor H/V spectral ratio based on the diffuse field approximation to identify underground velocity structures. DOI 10.1186/s40623-017-0746-8 In: Earth Planets and Space, 2017, Roč. 69. - SCIE ; WOS CC, Art. No. 162

2017 [1/12] / GBR - Xu, Z.B. – Mikesell, T.D. On the reliability of direct Rayleigh-wave estimation from multicomponent cross-correlations [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 210, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 1388 - 1393

2017 [1/12] / USA - Xu, Z.B.- Mikesell, T.D. – Xia, J.H. – Cheng, F. A comprehensive comparison between the refraction microtremor and seismic interferometry methods for phase-velocity estimation [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2017, Roč. 82, č. 6, [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC

2017 [1/12] / NLD - Yilar, E. – Baise, L.G. – Ebel, J.E. Using H/V measurements to determine depth to bedrock and V-S30 in Boston, Massachusetts [elektronický dokument]. DOI 10.1016/j.enggeo.2016.12.002 In: Engineering Geology: An International Journal. Amsterdam: Elsevier, 2017, Roč. 217, [tlačená forma] [online]. ISSN 0013-7952. ISSN (online) 1872-6917. - SCIE ; WOS CC, 12 - 22

2018 [1/12] / neurčené - Anthony, R.E. – Aster, R.C. – Ryan, S. – Rathburn, S. – Baker, M.G. Measuring Mountain River Discharge Using Seismographs Emplaced within the Hyporheic Zone In: Journal of Geophysical Research-Earth Surface, 2018, Roč. 123, č. 2. - SCIE ; WOS CC, 210 - 228

2018 [1/12] / NLD - Bao, F. – Li, Z.W. – Yuen, D.A. – Zhao, J.Z. – Ren, J. – Tian, B.F. – Meng, Q.J. Shallow structure of the Tangshan fault zone unveiled by dense seismic array and horizontal-to-vertical spectral ratio method [elektronický dokument]. DOI 10.1016/j.pepi.2018.05.004 In: Physics of the Earth and Planetary Interiors: a journal devoted to observational and experimental studies of the earth and

planetary interiors and their theoretical interpretation by the physical sciences. Amsterdam: Elsevier, 2018, Roč. 281, [tlačená forma] [online]. ISSN 0031-9201. ISSN (online) 1872-7395. - SCIE ; WOS CC, 46 - 54

2018 [1/12] / neurčené - Bignardi, S. – Yezzi, A.J. – Fiussello, S. – Comelli, A. OpenHVSr - Processing toolkit: Enhanced HVSr processing of distributed microtremor measurements and spatial variation of their informative content. DOI 10.1016/j.cageo.2018.07.006 In: Computers and Geosciences, 2018, Roč. 120. - SCIE ; WOS CC, 10 - 20

2018 [1/12] / NLD - Cheng, F. – Xia, J.H. – Xu, Z.B. – Hu, Y. – Mi, B.B. Frequency-Wavenumber (FK)-Based Data Selection in High-Frequency Passive Surface Wave Survey [elektronický dokument] In: Surveys in Geophysics: an international review journal of geophysics and planetary sciences: an International Review Journal Covering the Entire Field of Geosciences and Related Areas. [Amsterdam]: Springer Nature, 2018, Roč. 39, č. 4, [tlačená forma] [online]. ISSN 0169-3298. ISSN (online) 1573-0956. - SCIE ; WOS CC, 661 - 682

2018 [1/12] / DEU - Joshi, A.U. – Sant, D.A. – Parvez, I.A. – Rangarajan, G. – Limaye, M.A. – Mukherjee, S. – Charola, S. – Bhatt, M.N. – Mistry, S.P. Subsurface profiling of granite pluton using microtremor method: southern Aravalli, Gujarat, India [elektronický dokument] In: International Journal of Earth Sciences: Geologische Rundschau ; journal of Geologische Vereinigung. Berlin: Springer Nature. Springer International Publishing AG, 2018, Roč. 107, č. 1, [tlačená forma] [online]. ISSN 1437-3254. ISSN (online) 1437-3262. - SCIE ; WOS CC, 191 - 201

2018 [1/12] / ITA - Kassaras, I. – Kazantzidou-Firtinidou, D. – Ganas, A. – Kapetanidis, V. – Tsimi, C. – Valkaniotis, S. – Sakellariou, N. – Murloukos, S. Seismic risk and loss assessment for Kalamata (SW Peloponnese, Greece) from neighbouring shallow sources [elektronický dokument] In: Bollettino di Geofisica Teorica ed Applicata. Sgonico TS: Istituto Nazionale di Oceanografia e di Geofisica Sperimentale, 2018, Roč. 59, č. 1, [tlačená forma] [online]. ISSN 0006-6729. ISSN (online) 2239-5695. - SCIE ; WOS CC, 1 - 26

2018 [1/12] / DEU - Knapmeyer, B. – Murdoch, N. – Kenda, B. – Golombek, M.P. – Knapmeyer, M. – Witte, L. – Verdier, N. – Kedar, S. – Lognonne, P. – Banerdt, W.B. Influence of Body Waves, Instrumentation Resonances, and Prior Assumptions on Rayleigh Wave Ellipticity Inversion for Shallow Structure at the InSight Landing Site In: Space science reviews. Berlín: Springer Nature. Springer Science+Business Media, 2018, Roč. 214, č. 5, [tlačená forma]. ISSN 0038-6308. - SCIE ; WOS CC, Art. No. 94

2018 [1/12] / GBR - Kula, D. – Olszewska, D. – Nski, W.D.P. – Glazer, M. Horizontal-to-vertical spectral ratio variability in the presence of permafrost [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2018, Roč. 214, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 219 - 231

2018 [1/12] / USA - Layadi, K. – Semmane, F. – Yelles-Chaouche, A. S-wave velocity structure of Chlef City, Algeria, by inversion of Rayleigh wave ellipticity [elektronický dokument] In: Near Surface Geophysics. Hoboken: Wiley, 2018, Roč. 16, č. 3, [tlačená forma] [online]. ISSN 1569-4445. ISSN (online) 1873-0604. - SCIE ; CPCI-S ; WOS CC, 328 - 339

2018 [1/12] / USA - Liang, D.H. – Gan, F.P. – Zhang, W. – Jia, L. The application of HVSr method in detecting sediment thickness in karst collapse area of Pearl River Delta, China [elektronický dokument] In: Environmental Earth Sciences. New York: Springer Nature. Springer International Publishing AG, 2018, Roč. 77, č. 6, [tlačená forma] [online]. ISSN 1866-6280. ISSN (online) 1866-6299. - SCIE ; WOS CC, Art. No. 259

2018 [1/12] / USA - Mahajan, A.K. – Kumar, P. Site characterisation in Kangra Valley (NW Himalaya, India) by inversion of H/V spectral ratio from ambient noise measurements and its validation by multichannel analysis of surface waves technique [elektronický dokument] In: Near Surface Geophysics. Hoboken: Wiley, 2018, Roč. 16, č. 3, [tlačená forma] [online]. ISSN 1569-4445. ISSN (online) 1873-0604. - SCIE ; CPCI-S ; WOS CC, 314 - 327

2018 [1/12] / neurčené - Martorana, R. – Capizzi, P. – D'Alessandro, A. – Luzio, D. – Di Stefano, P. – Renda, P. – Zarcone, G. Contribution of HVSr Measures for Seismic Microzonation Studies In: Annals of Geophysics, 2018, Roč. 61, č. 2. - SCIE ; WOS CC

- 2018 [1/12] / NLD** - Panzera, F. – Lombardo, G. – Imposa, S. – Grassi, S. – Gresta, S. – Catalano, S. – Romagnoli, G. – Tortorici, G. – Patti, F. – Di Maio. Correlation between earthquake damage and seismic site effects: The study case of Lentini and Carlentini, Italy [elektronický dokument]. DOI 10.1016/j.enggeo.2018.04.014 In: Engineering Geology: An International Journal. Amsterdam: Elsevier, 2018, Roč. 240, [tlačená forma] [online]. ISSN 0013-7952. ISSN (online) 1872-6917. - SCIE ; WOS CC, 149 - 162
- 2018 [1/12] / GBR** - Peruzzetto, M. – Kazantsev, A. – Luu, K. – Metaxian, J.P. – Huguet, F. – Chauris, H. Broad-band ambient noise characterization by joint use of cross-correlation and MUSIC algorithm [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2018, Roč. 215, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 760 - 779
- 2018 [1/12] / neurčené** - Pino, P. – D'Amico, S. – Orecchio, B. – Presti, D. – Scolaro, S. – Torre, A. – Totaro, C. – Farrugia, D. – Neri, G. Integration of Geological and Geophysical Data for Re-Evaluation of Local Seismic Hazard and Geological Structure: The Case Study of Rometta, Sicily (Italy). DOI 10.4401/ag-7710 In: Annals of Geophysics, 2018, Roč. 61, č. 2. - SCIE ; WOS CC
- 2018 [1/12] / USA** - Ringler, A.T. – Anthony, R.E. – Holland, A.A. – Wilson, D.C. – Lin, C.J. Observations of Rotational Motions from Local Earthquakes Using Two Temporary Portable Sensors in Waynoka, Oklahoma [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2018, Roč. 108, č. 6, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; WOS CC, 3562 - 3575
- 2018 [1/12] / NLD** - Sant, D.A. – Parvez, I.A. – Rangarajan, G. – Patel, S.J. – Salam, T.A.S. – Bhatt, M.N. Subsurface imaging of brown coal bearing Tertiary sedimentaries Deccan Trap interface using microtremor method [elektronický dokument]. DOI 10.1016/j.jappgeo.2018.09.008 In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2018, Roč. 159, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; WOS CC, 362 - 373
- 2018 [1/12] / neurčené** - Scolaro, S. – Pino, P. – D'Amico, S. – Orecchio, B. – Presti, D. – Torre, A. – Totaro, C. – Farrugia, D. – Neri, G. Ambient Noise Measurements for Preliminary Microzoning Studies in the City of Messina, Sicily. DOI 10.4401/ag-7711 In: Annals of Geophysics, 2018, Roč. 61, č. 2. - SCIE ; WOS CC
- 2018 [1/12] / NLD** - Setiawan, B. – Jaksa, M. – Griffith, M. – Love, D. Estimating bedrock depth in the case of regolith sites using ambient noise analysis [elektronický dokument]. DOI 10.1016/j.enggeo.2018.06.022 In: Engineering Geology: An International Journal. Amsterdam: Elsevier, 2018, Roč. 243, [tlačená forma] [online]. ISSN 0013-7952. ISSN (online) 1872-6917. - SCIE ; WOS CC, 145 - 159
- 2018 [1/12] / CHE** - Sisman, F.N. – Askan, A. – Asten, M. Evaluation of Site Response with Alternative Methods: A Case Study for Engineering Implications [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2018, Roč. 175, č. 1, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; WOS CC, 257 - 273
- 2018 [1/12] / neurčené** - Soler-Llorens, J.L. – Galiana-Merino, J.J. – Giner-Caturla, J.J. – Jauregui-Eslava, P. – Risa/Cintas, S. – Rosa-Herranz, J. – Benandeloued, B.Y.N. Design and test of Geophonino-3D: A low-cost three-component seismic noise recorder for the application of the H/V method. DOI 10.1016/j.sna.2017.11.047 In: Sensors and Actuators A-Physical, 2018, Roč. 269. - SCIE ; WOS CC, 342 - 354
- 2018 [1/12] / GBR** - Spica, Z.J. – Perton, M. – Nakata, N. – Liu, X. – Beroza, G.C. Site characterization at Groningen gas field area through joint surface-borehole H/V analysis [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2018, Roč. 212, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 412 - 421
- 2018 [1/12] / neurčené** - Syamsuddin – Ashari, I. – Adhi, M.A. Seismic Hazard and Microzonation Study of Tanjung Region, North Lombok (Indonesia) Using Microtremor Measurement In: Jurnal Pendidikan Fisika Indonesia-Indonesian Journal of Physics Education, 2018, Roč. 14, č. 2. - ESCI ; WOS CC, 105 - 110
- 2018 [1/12] / CHE** - Ulysse, S. – Boisson, D. – Prepetit, C. – Havenith, H.B. Site Effect Assessment of the

Gros-Morne Hill Area in Port-au-Prince, Haiti, Part A: Geophysical-Seismological Survey Results In: Geosciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2018, Roč. 8, č. 4, [online]. ISSN 2076-3263. - ESCI ; WOS CC, Art. No. UNSP

2018 [1/12] / NLD - Villani, F. – D'Amico, S. – Panzera, F. – Vasallo, M. – Bozionelos, G. – Farrugia, D. – Galea, P. Shallow high-resolution geophysical investigation along the western segment of the Victoria Lines Fault (island of Malta). DOI 10.1016/j.tecto.2018.01.010 In: Tectonophysics: The International Journal of Integrated Solid Earth Sciences. Amsterdam: Elsevier, 2018, Roč. 724, [tlačená forma] [online]. ISSN 0040-1951. - SCIE ; WOS CC, 220 - 233

2018 [1/12] / DEU - Yan, P. – Li, Z.W. – Li, F. – Yang, Y.D. – Hao, W.F. – Bao, F. Antarctic ice sheet thickness estimation using the horizontal-to-vertical spectral ratio method with single-station seismic ambient noise [elektronický dokument] In: Cryosphere. Cottingen: Copernicus Gesellschaft, 2018, Roč. 12, č. 2, [tlačená forma] [online]. ISSN 1994-0416. ISSN (online) 1994-0424. - SCIE ; WOS CC, 795 - 810

2019 [1/12] / GBR - Anbazhagan, P. – Srilakshmi, K.N. – Bajaj, K. – Moustafa, S.S.R. – Al-Arifi, N.S.N. Determination of seismic site classification of seismic recording stations in the Himalayan region using HVSR method [elektronický dokument]. DOI 10.1016/j.soildyn.2018.10.023 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2019, Roč. 116, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 304 - 316

2019 [1/12] / neurčené - Anggono, T. – Syuhada – Febriani, F. – Amran, A. Inversion of shallow subsurface structure from Rayleigh ellipticity beneath a station in Tangerang, Indonesia In: 9th International Conference on Physics And Its Applications (ICOPIA). Bristol: IOP Publishing, 2019. - CPCI-S ; SCO ; WOS CC, Art. No. 012013

2019 [1/12] / NLD - Bekler, T. – Demirci, A. – Ekinci, Y.L. – Buyuksarac, A. Analysis of local site conditions through geophysical parameters at a city under earthquake threat: Canakkale, NW Turkey [elektronický dokument]. DOI 10.1016/j.jappgeo.2019.02.009 In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2019, Roč. 163, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, 31 - 39

2019 [1/12] / GBR - Bora, N. – Biswas, R. Delineation of subsurface profiles beneath the Kopili fault zone in northeast India utilizing coda portion [elektronický dokument]. DOI 10.1016/j.jseae.2019.01.023 In: Journal of Asian earth sciences. Oxford: Elsevier. Pergamon Press, 2019, Roč. 173, [tlačená forma] [online]. ISSN 1367-9120. ISSN (online) 1878-5786. - SCIE ; SCO ; WOS CC, 237 - 249

2019 [1/12] / DEU - Brule, S. – Enoch, S. – Guenneau, S. Role of nanophotonics in the birth of seismic megastructures [elektronický dokument] In: Nanophotonics. Berlin: De Gruyter, 2019, Roč. 8, č. 10, [tlačená forma] [online]. ISSN 2192-8606. ISSN (online) 2192-8614. - SCIE ; SCO ; WOS CC, 1591 - 1605

2019 [1/12] / DEU - Constanzo, A. – Caserta, A. Seismic response across the Tronto Valley (at Acquasanta Terme, AP, Marche) based on the geophysical monitoring of the 2016 Central Italy seismic sequence [elektronický dokument] In: Bulletin of Engineering Geology and the Environment: The official journal of the IAEG. Berlin: Springer Nature. Springer International Publishing AG, 2019, Roč. 78, č. 8, [tlačená forma]. ISSN 1435-9529. ISSN (online) 1435-9537. - SCIE ; SCO ; WOS CC, 5599 - 5616

2019 [1/12] / NLD - Giannaraki, G. – Kassaras, I. – Roumelioti, Z. – Kazantzidou-Firtinidou, D. – Ganas, A. Deterministic seismic risk assessment in the city of Aigion (W. Corinth Gulf, Greece) and juxtaposition with real damage due to the 1995 Mw6.4 earthquake [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2019, Roč. 17, č. 2, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 603 - 634

2019 [1/12] / NLD - Gouveia, F. – Gomes, R.C. – Lopes, I. Shallow and in depth seismic testing in urban environment: A case study in Lisbon Miocene stiff soils using joint inversion of active and passive Rayleigh wave measurements [elektronický dokument]. DOI 10.1016/j.jappgeo.2019.06.022 In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2019, Roč. 169, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, 199 - 213

2019 [1/12] / FRA - Grassi, S. – Imposa, S. – Patti, G. – Boso, D. – Lombardo, G. – Panzera, F. Geophysical surveys for the dynamic characterization of a cultural heritage building and its subsoil: The

S. Michele Arcangelo Church (Acireale, eastern Sicily) [elektronický dokument]. DOI 10.1016/j.culher.2018.09.015 In: Journal of Cultural Heritage. Paris: Elsevier. Elsevier Masson, 2019, Roč. 36, [tlačená forma]. ISSN 1296-2074. ISSN (online) 1778-3674. - SCIE ; AHCI ; SCO ; WOS CC, 72 - 84

2019 [1/12] / CHE - Hafiez, H.E.A. – Toni, M. Ambient Noise Level and Site Characterization in Northern Egypt [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2019, Roč. 176, č. 6, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 2349 - 2366

2019 [1/12] / neurčené - Ikeda, H. – Takagi, R. Coseismic changes in subsurface structure associated with the 2018 Hokkaido Eastern Iburi Earthquake detected using autocorrelation analysis of ambient seismic noise. DOI 10.1186/s40623-019-1051-5 In: Earth Planets and Space, 2019, Roč. 71. - SCIE ; SCO ; WOS CC, Art. No. 72

2019 [1/12] / GBR - Kazantsev, A. – Chauris, H. – Dublanchet, P. – Huguet, F. Rayleigh wave amplitude distortions above a reservoir: new insights from elastic modelling [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 217, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1267 - 1289

2019 [1/12] / CHE - Mantovani, A. – Abu Zeid, N. – Bignardi, S. – Tarabusi, G. – Santarato, G. – Caputo, R. Seismic Noise-Based Strategies for Emphasizing Recent Tectonic Activity and Local Site Effects: The Ferrara Arc, Northern Italy, Case Study [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2019, Roč. 176, č. 6, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 2321 - 2347

2019 [1/12] / CHE - Marcucci, S. – Milana, G. – Hailemichael, S. – Carlucci, G. – Cara, F. – Di Giulio, G. – Vassallo, M. The Deep Bedrock in Rome, Italy: A New Constraint Based on Passive Seismic Data Analysis [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2019, Roč. 176, č. 6, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 2395 - 2410

2019 [1/12] / USA - Nakamura, Y. What is the Nakamura Method? [elektronický dokument] In: Seismological Research Letters. Albany: Seismological Society of America, 2019, Roč. 90, č. 4, [tlačená forma] [online]. ISSN 0895-0695. ISSN (online) 1938-2057. - SCIE ; SCO ; WOS CC, 1437 - 1443

2019 [1/12] / DEU - Panzera, F. – D'Amico, S. – Colica, E. – Viccaro, M. Ambient vibration measurements to support morphometric analysis of a pyroclastic cone [elektronický dokument] In: Bulletin of Volcanology. Berlín: Springer Nature, 2019, Roč. 81, č. 12, [online]. ISSN (online) 1432-0819. - SCIE ; SCO ; WOS CC, Art. No. 74

2019 [1/12] / USA - Rong, M.S. – Li, H.G. – Yu, Y. The difference between horizontal-to-vertical spectra ratio and empirical transfer function as revealed by vertical arrays [elektronický dokument] In: PLoS One. San Francisco: Public Library of Science, 2019, Roč. 14, č. 1, [online]. ISSN (online) 1932-6203. - SCIE ; SCO ; WOS CC, Art. No. e0210852

2019 [1/12] / ITA - Sandron, D. – Maskey, S. – Giorgi, M. – Maharjan, D.K. – Shrestha, S.N. – Cravos, C. – Pettenati, F. Environmental noise measurements in Lalitpur area (Kathmandu) after the M7.8 Gorkha 2015 earthquake [elektronický dokument] In: Bollettino di Geofisica Teorica ed Applicata. Sgonico TS: Istituto Nazionale di Oceanografia e di Geofisica Sperimentale, 2019, Roč. 60, č. 1, [tlačená forma] [online]. ISSN 0006-6729. ISSN (online) 2239-5695. - SCIE ; SCO ; WOS CC, 17 - 38

2019 [1/12] / GBR - Setiawan, B. – Jaksa, M. – Griffith, M. – Love, D. Estimating near surface shear wave velocity using the SPAC method at a site exhibiting low to high impedance contrast [elektronický dokument]. DOI 10.1016/j.soildyn.2019.03.036 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2019, Roč. 122, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 16 - 38

2019 [1/12] / CHE - Soler-Llorens, J.L. – Galiana-Merino, J.J. – Nassim-Benandeloued, B.Y. – Rosa-Cintas, S. – Ortiz Zamora, J. – Giner-Caturla, J.J. Design and Implementation of an Arduino-Based Plug-and-Play Acquisition System for Seismic Noise Measurements [elektronický dokument] In: Electronics. Bazilej: Multidisciplinary Digital Publishing Institute, 2019, Roč. 8, č. 9, [online]. ISSN (online) 2079-9292. - SCIE ; SCO ; WOS CC, Art. No. 1035

2019 [1/12] / NLD - Vignola, L. – Gallipoli, M.R. – Chiauuzzi, L. – Stabile, T.A. – Piscitelli, S. – Santarsiero, G. – Bellanova, J. – Calamita, G. – Perrone, A. Geophysical and engineering analysis of different earthquake damage in Pescara del Tronto and Vezzano (Arquata del Tronto Municipality) following the 24th August 2016 central Italy earthquake [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2019, Roč. 17, č. 10, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 5471 - 5493

2019 [1/12] / NLD - Wang, Z.M. – Carpenter, N.S. – Woolery, E.W. Horizontal-to-vertical spectral ratio of S-waves and SH-wave transfer functions at the vertical seismic and strong-motion arrays in the Central United States [elektronický dokument]. DOI 10.1016/j.jappgeo.2018.10.017 In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2019, Roč. 162, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, 64 - 71

2019 [1/12] / USA - Gupta, R.K. – Agrawal, M. – Pal, S.K. – Kumar, R. – Srivastava, S. Site characterization through combined analysis of seismic and electrical resistivity data at a site of Dhanbad, Jharkhand, India [elektronický dokument] In: Environmental Earth Sciences. New York: Springer Nature. Springer International Publishing AG, 2019, Roč. 78, č. 6, [tlačená forma] [online]. ISSN 1866-6280. ISSN (online) 1866-6299. - SCIE ; SCO ; WOS CC, Art. No. 226

2020 [1/12] / DEU - Anthraikili, J.B. Establishing empirical equation for resonant frequency vs sediment thickness using Nakamura or H/V ratio method in Indo-Gangetic Plain [elektronický dokument] In: Arabian Journal of Geosciences. Heidelberg: Springer Nature, 2020, Roč. 13, č. 6, [tlačená forma]. ISSN 1866-7511. ISSN (online) 1866-7538. - SCIE ; SCO ; WOS CC, Art. No. 249

2020 [1/12] / CHE - Bora, N. – Biswas, R., Malischewsky, P. Imaging Subsurface Structure of an Urban Area Based on Diffuse-Field Theory Concept Using Seismic Ambient Noise [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2020, Roč. 177, č. 10, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 4733 - 4753

2020 [1/12] / USA - Butcher, A. – Luckett, R. – Kendall, J.M. – Baptie, B. Seismic Magnitudes, Corner Frequencies, and Microseismicity: Using Ambient Noise to Correct for High-Frequency Attenuation [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2020, Roč. 110, č. 3, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1260 - 1275

2020 [1/12] / NLD - Cercato, M. – De Donno, G. – Di Giulio, A. – Lanzo, G. – Tommasi, P. Dynamic characterization of the hill of Civita di Bagnoregio (Viterbo, Central Italy) for seismic response analysis [elektronický dokument]. DOI 10.1016/j.enggeo.2019.105463 In: Engineering Geology: An International Journal. Amsterdam: Elsevier, 2020, Roč. 266, [tlačená forma] [online]. ISSN 0013-7952. ISSN (online) 1872-6917. - SCIE ; SCO ; WOS CC, Art. No. 105463

2020 [1/12] / CHE - Dal Moro, G. On the Identification of Industrial Components in the Horizontal-to-Vertical Spectral Ratio (HVSr) from Microtremors [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2020, Roč. 177, č. 8, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 3831 - 3849

2020 [1/12] / NLD - Di Naccio, D. – Famiani, D. – Liberi, F. – Boncio, P. – Cara, F. – De Santis, A. – Di Giulio, G. – Galadini, F. – Milana, G. – Rosatelli, G. – Vassallo, M. Site effects and widespread susceptibility to permanent coseismic deformation in the Avezzano town (Fucino basin, Central Italy): Constraints from detailed geological study [elektronický dokument]. DOI 10.1016/j.enggeo.2020.105583 In: Engineering Geology: An International Journal. Amsterdam: Elsevier, 2020, Roč. 270, [tlačená forma] [online]. ISSN 0013-7952. ISSN (online) 1872-6917. - SCIE ; SCO ; WOS CC, Art. No. 105583

2020 [1/12] / USA - Dias, F.L. – Assumpcao, M. – Peixoto, P.S. – Bianchi, M.B. – Collaco, B. – Calhau, J. Using Seismic Noise Levels to Monitor Social Isolation: An Example from Rio de Janeiro, Brazil [elektronický dokument] In: Geophysical Research Letters. Washington: John Wiley & Sons. American Geophysical Union, 2020, Roč. 47, č. 16, [tlačená forma] [online]. ISSN 0094-8276. ISSN (online) 1944-8007. - SCIE ; SCO ; WOS CC, Art. No. e2020GL088748

2020 [1/12] / NLD - Famiani, D. – Brunori, C.A. – Pizzimenti, L. – Cara, F. – Caciagli, M. – Melelli, L. – Mirabella, F. – Barchi, M.R. Geophysical reconstruction of buried geological features and site effects estimation of the Middle Valle Umbra basin (central Italy) [elektronický dokument]. DOI 10.1016/j.enggeo.2020.105543 In: Engineering Geology: An International Journal. Amsterdam: Elsevier, 2020, Roč. 269, [tlačená forma] [online]. ISSN 0013-7952. ISSN (online) 1872-6917. - SCIE ; SCO ; WOS CC, Art. No. 105543

2020 [1/12] / NLD - Gallipoli, M.R. – Calamita, G. – Tragni, N. – Pisapia, D. – Lupo, M. – Mucciarelli, M. – Stabile, T.A. – Perrone, A. – Amato, L. – Izzi, F. – La Scaleia, G. – Maio, D. – Salvia, V. Evaluation of soil-building resonance effect in the urban area of the city of Matera (Italy) [elektronický dokument]. DOI 10.1016/j.enggeo.2020.105645 In: Engineering Geology: An International Journal. Amsterdam: Elsevier, 2020, Roč. 272, [tlačená forma] [online]. ISSN 0013-7952. ISSN (online) 1872-6917. - SCIE ; CPCIS ; SCO ; WOS CC, Art. No. 105645

2020 [1/12] / neurčené - Gallipoli, M.R. – Stabile, T.A. – Massolino, G. – Mucciarelli, M. – Abu Zeid, N. – Chiauuzzi, L. – Bignardi, S. – Rebez, A. Structural health monitoring of the Ferrara University before and after the 2012 Emilia (Italy) earthquake, and after the damage repairs In: Structural Health Monitoring-An International Journal, 2020, Roč. 19, č. 3. - SCIE ; SCO ; WOS CC, 838 - 853

2020 [1/12] / neurčené - Haryono, A., Sungkono, Caesardi, M. A., Santosa, B. J., Syaifuddin, F., Widodo, A. Estimation of Shear Wave Velocity Using Horizontal to Vertical Spectrum Ratio (HVSr) Inversion to Identify Faults in Pacitan In: Joint International Conference on Civil, Environmental, and Geo Engineering (JIC-CEGE 2019) : IOP Conference Series: Earth and Environmental Science. Bristol: Institute of Physics Publishing, 2020. - SCO, Art. No. 012051

2020 [1/12] / CHE - Hashemifesharaki, H. – Haghshenas, E. – Kamalian, M. – Mirmohamadsadeghi, I. Extraction of Isfahan's Seismic Geotechnical Model Using Ambient Noise and Numerical Modeling [elektronický dokument] In: International Journal of Civil Engineering. Cham: Springer Nature. Springer International Publishing AG, 2020, Roč. 18, č. 7, [tlačená forma] [online]. ISSN 1735-0522. ISSN (online) 2383-3874. - SCIE ; SCO ; WOS CC, 797 - 815

2020 [1/12] / GBR - Chen, T. – Wu, Z.J. – Mu, Y.H. – Wang, P. – Zhu, Q.Y. Numerical Analysis of Seismic Site Effects in Loess Region of Western China under Strong Earthquake Excitations [elektronický dokument]. DOI 10.1155/2020/3918352 In: Shock and Vibration. Londýn: Hindawi Publishing Corporation, 2020, Roč. 2020, [tlačená forma]. ISSN 1070-9622. ISSN (online) 1875-9203. - SCIE ; SCO ; WOS CC, Art. No. 3918352

2020 [1/12] / GBR - La Rocca, M. – Chiappetta, G.D. – Gervasi, A. – Festa, R.L. Non-stability of the noise HVSr at sites near or on topographic heights [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2020, Roč. 222, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 2162 - 2171

2020 [1/12] / NLD - Marra, F. – Milana, G. – Pecchioli, L. – Roselli, P. – Cangi, G. – Famiani, D. – Mercuri, A. – Carlucci, G. Historical faulting as the possible cause of earthquake damages in the ancient Roman port city of Ostia [elektronický dokument] In: Journal of Seismology. Dordrecht: Springer Nature, 2020, Roč. 24, č. 4, [tlačená forma] [online]. ISSN 1383-4649. ISSN (online) 1573-157X. - SCIE ; SCO ; WOS CC, 833 - 851

2020 [1/12] / neurčené - Abou-Jaoude, R., Makhoul, N., Fleurisson, J.-A., Gesret, A. Review of site effect modeling methods considering experimental geophysical data In: 11th International Conference on Structural Dynamics (EURODYN 2020) : Proceedings. [Volos]: European Association for Structural Dynamics, 2020. - SCO, 3274 - 3290

2018 [1/20] / POL - Zhang, Z., Chen, X., Gao, M., Li, Z., Li, Q. Simulation of the microtremor H/V spectrum based on the theory of surface wave propagation in a layered half-space [elektronický dokument] In: Acta Geophysica. Varšava: Springer Nature. Springer International Publishing AG, 2018, Roč. 66, č. 2, [tlačená forma] [online]. ISSN 1895-6572. ISSN (online) 1895-7455. - SCIE ; SCO ; WOS CC, 121 - 130

2022 [1/20] / USA - Jiang, C., Yahong, D., Huangdong, M., You, X., Ge, C. A microtremor study to reveal the dynamic response of earth fissure site: the case study in Fenwei Basins, China [elektronický dokument] In: Environmental Earth Sciences. New York: Springer Nature. Springer International Publishing AG, 2022, Roč. 81, č. 3, [tlačená forma] [online]. ISSN 1866-6280. ISSN (online) 1866-6299. -

2020 [1/12] / neurčené - Wang, J.-X., Rong, M.-S., Fu, L.-Y., Fu, L. Joint inversion of site velocity structure by microtremor array record: A case study of the observation site 3# of Xiangtang in Tangshan In: Dizhen Dizhi, 2020, Roč. 42, č. 6. - SCO, 1335 - 1353

2020 [1/12] / NLD - Martino, S. – Cercato, M. – Della Seta, M. – Esposito, C. – Heilemikaël, S. – Iannucci, R. – Martini, G. – Paciello, A. – Mugnozza, G.S. – Seneca, D. – Troiani, F. Relevance of rock slope deformations in local seismic response and microzonation: Insights from the Accumoli case-study (central Apennines, Italy) [elektronický dokument]. DOI 10.1016/j.enggeo.2019.105427 In: Engineering Geology: An International Journal. Amsterdam: Elsevier, 2020, Roč. 266, [tlačaná forma] [online]. ISSN 0013-7952. ISSN (online) 1872-6917. - SCIE ; SCO ; WOS CC, Art. No. 105427

2020 [1/12] / neurčené - Mase, L.Z. – Likitlersuang, S. – Tobita, T. – Chaiprakaikew, S. – Soralump, S. Local Site Investigation of Liquefied Soils Caused by Earthquake in Northern Thailand In: Journal of Earthquake Engineering, 2020, Roč. 24, č. 7. - SCIE ; SCO ; WOS CC, 1181 - 1204

2020 [1/12] / FRA - Motsa, S.M. – Drosopoulos, G.A. – Stavroulakis, M.E. – MaravelKIS, e. – Borg, R.P. – Galea, P. – D'Amico, S. – Stavroulakis, G.E. Structural investigation of Mnajdra megalithic monument in Malta [elektronický dokument]. DOI 10.1016/j.culher.2019.07.004 In: Journal of Cultural Heritage. Paris: Elsevier. Elsevier Masson, 2020, Roč. 41, [tlačaná forma]. ISSN 1296-2074. ISSN (online) 1778-3674. - SCIE ; AHCI ; SCO ; WOS CC, 96 - 105

2020 [1/12] / IND - Nagamani, D. – Sivaram, K. – Rao, N.P. – Satyanarayana, H.V.S. Ambient noise and earthquake HVSR modelling for site characterization in southern mainland, Gujarat [elektronický dokument] In: Journal of Earth System Science. Bangalúr: Indian Academy of Sciences, 2020, Roč. 129, č. 1, [tlačaná forma] [online]. ISSN 0253-4126. ISSN (online) 0973-774X. - SCIE ; SCO ; WOS CC, Art. No. 195

2020 [1/12] / NLD - Peng, Y.J. – Wang, Z.M. – Woolery, E.W. – Lyu, Y. – Carpenter, N.S. – Fang, Y. – Huang, S. Ground-motion site effect in the Beijing metropolitan area [elektronický dokument]. DOI 10.1016/j.enggeo.2019.105395 In: Engineering Geology: An International Journal. Amsterdam: Elsevier, 2020, Roč. 266, [tlačaná forma] [online]. ISSN 0013-7952. ISSN (online) 1872-6917. - SCIE ; SCO ; WOS CC, Art. No. 105395

2020 [1/12] / DEU - Poli, P. – Boaga, J. – Molinari, I. – Cascone, V. – Boschi, L. The 2020 coronavirus lockdown and seismic monitoring of anthropic activities in Northern Italy In: Scientific reports: Journal of the University of Applied Sciences Mittweida: Wissenschaftliche Zeitschrift der Hochschule Mittweida . Berlin: Springer Nature. Springer, 2020, Roč. 10, č. 1, [tlačaná forma]. ISSN 1437-7624. - SCIE ; SCO ; WOS CC, Art. No. 9404

2020 [1/12] / IDN - Pramono, S. – Prakoso, W.A. – Rohadi S. – Karnawati, D. – Permana, D. – Prayitno, B.S. – Rudyanto, A. – Sadly, M. – Sakti, A.P. – Octantyo, A. Y. Investigation of Ground Motion and Local Site Characteristics of the 2018 Lombok Earthquake Sequence [elektronický dokument] In: International Journal of Technology. [s.l.]: Universitas Indonesia. Faculty of Engineering Universitas Indonesia, 2020, Roč. 11, č. 4, [tlačaná forma] [online]. ISSN 2086-9614. ISSN (online) 2087-2100. - ESCI ; SCO ; WOS CC, 743 - 753

2020 [1/12] / neurčené - Raeisizadeh, I. – Haghshenas, E. – Kamalian, M. – Lajevardi, S.H. Assessment of Local Site Condition on Seismic Ground Motion in Arak, Using Experimental Measurements and Numerical Modeling In: Iranian Journal of Science and Technology-Transactions of Civil Engineering, 2020, Roč. 44. - SCIE ; SCO ; WOS CC, 571 - 586

2020 [1/12] / USA - Rollins, K.M – Amoroso, S. – Milana, G. – Minarelli, L. – Vassallo, M. – Di Giulio, G. Gravel Liquefaction Assessment Using the Dynamic Cone Penetration Test Based on Field Performance from the 1976 Friuli Earthquake [elektronický dokument] In: Journal of geotechnical and geoenvironmental engineering. Reston: The American Society of Civil Engineers, 2020, Roč. 146, č. 6, [tlačaná forma] [online]. ISSN 1090-0241. ISSN (online) 1943-5606. - SCIE ; SCO ; WOS CC, Art. No. 04020038

2020 [1/12] / GBR - Tchawe, F.N. – Froment, I.B. – Campillo, M. – Margerin, L. On the use of the coda of seismic noise autocorrelations to compute H/V spectral ratios [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2020, Roč. 220, č. 3, [tlačaná forma] [online]. ISSN

2020 [1/12] / USA - Pace, B., Valentini, A., Ferranti, L., Vasta, M., Vassallo, M., Montagna, P., Colella, A., Pons-Branchu, E. A Large Paleoearthquake in the Central Apennines, Italy, Recorded by the Collapse of a Cave Speleothem [elektronický dokument] In: Tectonics. Washington: John Wiley & Sons. American Geophysical Union, 2020, Roč. 39, č. 10, [tlačaná forma] [online]. ISSN 0278-7407. ISSN (online) 1944-9194. - SCIE ; SCO ; WOS CC, Art. No. e2020TC006289

2021 [1/12] / CHE - Mase, L. Z., Likitlersuang, S., Tobita, T. Ground Motion Parameters and Resonance Effect During Strong Earthquake in Northern Thailand [elektronický dokument] In: Geotechnical and Geological Engineering: An International Journal. Cham: Springer Nature, 2021, Roč. 39, č. 3, [tlačaná forma] [online]. ISSN 0960-3182. ISSN (online) 1573-1529. - SCIE ; SCO ; WOS CC, 2207 - 2219

2020 [1/12] / GBR - Sedaghati, F., Rahpeyma, S., Ansari, A., Pezeshk, S., Zare, M., Daneshvaran, S. A study of horizontal-to-vertical component spectral ratio as a proxy for site classification in central Asia [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2020, Roč. 223, č. 2, [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1355 - 1377

2020 [1/12] / neurčené - van Ginkel, J., Ruigrok, E., Herber, R. Using horizontal-to-vertical spectral ratios to construct shear-wave velocity profiles [elektronický dokument] In: Solid Earth: an Interactive Open-access Journal of the European Geosciences Union, 2020, Roč. 11, č. 6, [tlačaná forma]. ISSN 1869-9510. ISSN (online) 1869-9529. - SCIE ; SCO ; WOS CC, 2015 - 2030

2021 [1/12] / NLD - Ashayeri, I., Memari, M. A., Haghshenas, E. Seismic microzonation of Sarpol-e-zahab after Mw 7.3 2017 Iran earthquake: 1D-equivalent linear approach [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2021, Roč. 19, č. 2, [tlačaná forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 605 - 622

2020 [1/12] / USA - Ito, E., Nakano, K., Nagashima, F., Kawase, H. A Method to Directly Estimate S-Wave Site Amplification Factor from Horizontal-to-Vertical Spectral Ratio of Earthquakes (eHVSRS) [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2020, Roč. 110, č. 6, [tlačaná forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2892 - 2911

2021 [1/12] / neurčené - Mase, L. Z., Sugianto, N., Refrizon. Seismic hazard microzonation of Bengkulu City, Indonesia In: Geoenvironmental Disasters, 2021, Roč. 8, č. 1. - ESCI ; SCO ; WOS CC, Art. No. 5

2019 [1/12] / USA - Gupta, R. K., Agrawal, M., Pal, S. K., Kumar, R., Srivastava, S. Site characterization through combined analysis of seismic and electrical resistivity data at a site of Dhanbad, Jharkhand, India [elektronický dokument] In: Environmental Earth Sciences. New York: Springer Nature. Springer International Publishing AG, 2019, Roč. 78, č. 6, [tlačaná forma] [online]. ISSN 1866-6280. ISSN (online) 1866-6299. - SCIE ; SCO ; WOS CC, Art. No. 26

2019 [1/12] / neurčené - Hakimi, B., Masoumi, Z., Ghods, A., Etemad-Saeed, N. Microtremor HVSr study of site effects in Zanjan city (Iran) In: Iranian Journal of Geophysics, 2019, Roč. 12, č. 4. - SCO, 115 - 139

2019 [1/12] / neurčené - van Ginkel, J., Ruigrok, E., Herber, R. Assessing soil amplifications in Groningen, the Netherlands [elektronický dokument] In: First break, 2019, Roč. 37, č. 10, [tlačaná forma]. ISSN 0263-5046. ISSN (online) 1365-2397. - SCO, 33 - 38

2019 [1/12] / neurčené - Shapiro, N. M. Applications with surface waves extracted from ambient seismic noise In: Seismic Ambient Noise. Cambridge: Cambridge University Press, 2019. - SCO, 218 - 238

2020 [1/12] / neurčené - Zong, J.-Y., Sun, X.-L., Zhang, P. Site effect and earthquake disaster characteristics in Guangzhou area from horizontal-to-vertical spectral ratio(HVSR) method In: Dizhen Dizhi, 2020, Roč. 42, č. 3. - SCO, 628 - 639

2021 [1/12] / neurčené - Delgado, J., Galiana-Merino, J. J., García-Tortosa, F. J., Garrido, J., Lenti, L., Martino, S., Peláez, J. A., Rodríguez-Peces, M. J., De Galdeano, C. S., Soler-Llorens, J. L. Ambient

noise measurements to constrain the geological structure of the güevéjar landslide (S Spain) In: Applied Sciences (Switzerland), 2021, Roč. 11, č. 4. - SCIE ; SCO ; WOS CC, Art. No. 1454

2021 [1/12] / NLD - Godínez-Domínguez, E. A., Tena-Colunga, A., Pérez-Rocha, L. E., Archundia-Aranda, H. I., Gómez-Bernal, A., Ruiz-Torres, R. P., Escamilla-Cruz, J. L. The September 7, 2017 Tehuantepec, Mexico, earthquake: Damage assessment in masonry structures for housing [elektronický dokument] In: International Journal of Disaster Risk Reduction. Amsterdam: Elsevier. Elsevier Science, 2021, Roč. 56, [online]. ISSN (online) 2212-4209. - SCIE ; SCO ; WOS CC, Art. No. 102123

2021 [1/12] / neurčené - Tsereteli, N., Moscatelli, M., Albarello, D., Gaudiosi, I., Giallini, S., Gogoladze, Z., Polpetta, F., Simionato, M., Stigliano, F., Svanadze, D., Danciu, L., Varazanashvili, O., Gaprindashvili, G. Preliminary results of site effects assessment in mtskheta (Georgia) In: Building Knowledge for Geohazard Assessment and Management in the Caucasus and other Orogenic Regions : NATO Science for Peace and Security Series C: Environmental Security. Dordrecht: Springer, 2021. - SCO, 343 - 363

2020 [1/12] / neurčené - Lee, J. Y., Lau, T. L. Estimation of the subsurface structure in Georgetown, Penang Island using single point microtremor observation technique In: 1st International Conference on Energetics, Civil and Agricultural Engineering (ICECAE 2020) : IOP Conference Series: Earth and Environmental Science. [Bristol]: IOP Publishing, 2020. - SCO, Art. No. 012066

2019 [1/12] / neurčené - Subasi, O., Hasal, M. E., Ozaslan, B., Iyisan, R. Seismic microzonation of bursa/güzelyali in Turkey: A study on the compatibility of 1d dynamic analysis and microtremor measurements In: 7th International Conference on Earthquake Geotechnical Engineering (ICEGE 2019) : Proceedings. [S. l.]: Taylor & Francis Group. CRC Press, 2019. - SCO, 5120 - 5127

2019 [1/12] / neurčené - D'alessandro, A., Scudero, S., Capizzi, P., Martorana, R., Carollo, A., Catania, M. Seismic microzonation by means of cluster analysis In: 7th International Conference on Earthquake Geotechnical Engineering (ICEGE 2019) : Proceedings. [S. l.]: Taylor & Francis Group. CRC Press, 2019. - SCO, 1911 - 1918

2019 [1/12] / neurčené - Ruz, F., Finn, W. D. L. New chilean seismic code and the use of Nakamura period for assessing damage potential In: 7th International Conference on Earthquake Geotechnical Engineering (ICEGE 2019) : Proceedings. [S. l.]: Taylor & Francis Group. CRC Press, 2019. - SCO, 4760 - 4767

2019 [1/12] / neurčené - Motsa, S. M., Drosopoulos, G.A., Stavroulaki, M., Stavroulakis, G., Borg, R. P., Galea, P., D'amico, S. Large-scale contact analysis for the stability estimation of the mnajdra monuments In: 7th International Conference on Structural Engineering, Mechanics and Computation, 2019 : Advances in Engineering Materials, Structures and Systems: Innovations, Mechanics and Applications. [S. l.]: Taylor & Francis Group. CRC Press, 2019. - SCO, 2160 - 2164

2021 [1/12] / NLD - Keil, S., Wassermann, J., Igel, H. Single-station seismic microzonation using 6C measurements [elektronický dokument] In: Journal of Seismology. Dordrecht: Springer Nature, 2021, Roč. 25, č. 1, [tlačaná forma] [online]. ISSN 1383-4649. ISSN (online) 1573-157X. - SCIE ; SCO ; WOS CC, 103 - 114

2021 [1/12] / GBR - Shankar, U., Kumari, S., Yadav, P. K., Singh, A. P., Gupta, A. K. Microtremor measurements in the India's holy city, Varanasi for assessment of site characteristics In: Quaternary International: the journal of the International Union for Quaternary Research. Oxford: Elsevier. Pergamon Press, 2021, Roč. 585, [tlačaná forma]. ISSN 1040-6182. - SCIE ; SCO ; WOS CC, 143 - 151

2021 [1/12] / GBR - Ahn, J.-K., Kwak, D. Y., Kim, H.-S. Estimating VS30 at Korean Peninsular seismic observatory stations using HVSr of event records [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2021, Roč. 146, [tlačaná forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, Art. No. 106650

2021 [1/12] / neurčené - Anggono, T., Vitasariyani, V., Syuhada, S., Febriani, F., Soedjatmiko, B., Prasetio, A. D., Dewi, C. N. Shallow subsurface velocity model at Simeulue Island, Indonesia inferred from ambient vibration records In: International Conference on Ocean and Earth Science (ICOES 2020) : IOP Conference Series: Earth and Environmental Science. Bristol: IOP Publishing, 2021. - SCO, Art. No. 012061

2021 [1/12] / GBR - Arango-Serna, S., Herrera, M., Cruz, A., Sandoval, E., Thomson, P., Ledezma, C. Use of ambient noise records in seismic engineering: An approach to identify potentially liquefiable sites [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2021, Roč. 148, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, Art. No. 106837

2021 [1/12] / GBR - Boaga, J., Barone, I., Deidda, G. P., Cassiani, G., Strobbia, C. Multi-drive level Vibroseis test to evaluate the non-linear response of soft soils [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2021, Roč. 149, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, Art. No. 106861

2021 [1/12] / USA - Cardenas-Soto, M., Pina-Flores, J., Escobedo-Zenil, D., Vidal-Garcia, M. C., Natarajan, T., Hussain, Y., Sanchez-Sesma, F. J. Seismic ambient noise tomography to retrieve near-surface properties in soils with significant 3D lateral heterogeneity: the case of Quinta Colorada building in Chapultepec, Mexico [elektronický dokument] In: Natural Hazards. New York: Springer Nature. Springer, 2021, Roč. 108, č. 1, [tlačená forma] [online]. ISSN 0921-030X. ISSN (online) 1573-0840. - SCIE ; SCO ; WOS CC, 129 - 145

2021 [1/12] / USA - Cercato, M., De Donno, G., Desideri, F. S., Di Giambattista, L. Geophysical investigations for the identification of active seismic faults below alluvium for seismic hazard assessment [elektronický dokument] In: Near Surface Geophysics. Hoboken: Wiley, 2021, Roč. 19, č. 2, [tlačená forma] [online]. ISSN 1569-4445. ISSN (online) 1873-0604. - SCIE ; SCO ; WOS CC, 127 - 139

2021 [1/12] / neurčené - Davis, E. E., Farrugia, J. J. Amplification and Tuning of Ground Motion at the Outer Cascadia Accretionary Prism In: Journal of Geophysical Research: Solid Earth, 2021, Roč. 126, č. 5. - SCIE ; SCO ; WOS CC, Art. No. e2020JB020950

2021 [1/12] / USA - Giallini, S., Paolucci, E., Sirianni, P., Albarello, D., Gaudiosi, I., Polpetta, F., Simionato, M., Stigliano, F., Tsereteli, N., Gogoladze, Z., Moscatelli, M. Reconstruction of a reference subsoil model for the seismic microzonation of gori (Georgia): A procedure based on principal component analysis (PCA) [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2021, Roč. 111, č. 4, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1921 - 1939

2021 [1/12] / NLD - Giannini, L. M., Varone, C., Esposito, C., Scarascia Mugnozza, G., Schiliró, L. The potential of spatial statistics for the reconstruction of a subsoil model: A case study for the Firenze-Prato-Pistoia Basin, Central Italy [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2021, Roč. 194, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, Art. No. 104466

2021 [1/12] / NLD - Guo, Z., Aydin, A., Huang, Y., Xue, M. Polarization characteristics of Rayleigh waves to improve seismic site effects analysis by HVSR method [elektronický dokument] In: Engineering Geology: An International Journal. Amsterdam: Elsevier, 2021, Roč. 292, [tlačená forma] [online]. ISSN 0013-7952. ISSN (online) 1872-6917. - SCIE ; SCO ; WOS CC, Art. No. 106274

2021 [1/12] / USA - Gupta, R. K., Agrawal, M., Pal, S. K., Das, M. K. Seismic site characterization and site response study of Nirsa (India) [elektronický dokument] In: Natural Hazards. New York: Springer Nature. Springer, 2021, Roč. 108, č. 2, [tlačená forma] [online]. ISSN 0921-030X. ISSN (online) 1573-0840. - SCIE ; SCO ; WOS CC, 2033 - 2057

2021 [1/12] / neurčené - Homuth, B., Krieger, L., Deckert, H. Investigation of location effects in the seismically active area of the Odenwald in Hesse [Untersuchung von standorteffekten im seismisch aktiven gebiet des odenwaldes in Hessen] In: Bauingenieur, 2021, Roč. 96, č. 4. - SCO, 2 - 10

2021 [1/12] / neurčené - Cheng, F., Xia, J., Ajo-Franklin, J. B., Behm, M., Zhou, C., Dai, T., Xi, C., Pang, J., Zhou, C. High-Resolution Ambient Noise Imaging of Geothermal Reservoir Using 3C Dense Seismic Nodal Array and Ultra-Short Observation In: Journal of Geophysical Research: Solid Earth, 2021, Roč. 126, č. 8. - SCIE ; SCO ; WOS CC, Art. No. e2021JB021827

2021 [1/12] / GBR - la Rocca, M., Chiappetta, G. D., Gervasi, A., Festa, R. L. Non-stability of the noise HVSR at sites near or on topographic heights [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2021, Roč. 222, č. 44199, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO, 2162 - 2171

2021 [1/12] / GBR - Lunedei, E., Albarello, D. Synthetic spectral structure of the seismic ambient vibrations generated by a distribution of superficial random sources with a finite extension [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2021, Roč. 151, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, Art. No. 106949

2021 [1/12] / GBR - Malkoti, A., Datta, A., Hanasoge, S. M. Rayleigh-wave H/V ratio measurement from ambient noise cross-correlations and its sensitivity to V-p: a numerical study [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2021, Roč. 227, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 472 - 482

2021 [1/12] / ROM - Maringue, J., Sáez, E., Yanez, G. An empirical correlation between the residual gravity anomaly and the h/v predominant period in urban areas and its dependence on geology in andean forearc basins [elektronický dokument] In: Applied Sciences. Bukurešť: Universitatea Politehnica Bucuresti, 2021, Roč. 11, č. 20, [online]. ISSN (online) 1454-5101. - SCIE ; SCO ; WOS CC, Art. No. 9462

2021 [1/12] / IND - Mase, L. Z., Refrizon, R., Anggraini, P. W. Local Site Investigation and Ground Response Analysis on Downstream Area of Muara Bangkahulu River, Bengkulu City, Indonesia [elektronický dokument] In: Indian Geotechnical Journal. Naí Dillí: Springer Nature. Springer, 2021, Roč. 51, č. 5, [tlačená forma] [online]. ISSN 0971-9555. ISSN (online) 2277-3347. - SCIE ; SCO ; WOS CC, 952 - 966

2021 [1/12] / USA - Morton, S. L., Ivanov, J., Peterie, S. L., Miller, R. D., Livers-Douglas, A. J. Passive multichannel analysis of surface waves using 1D and 2D receiver arrays [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2021, Roč. 86, č. 6, [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2021 [1/12] / CHE - Neukirch, M., Garcia-Jerez, A., Villasenor, A., Luzon, F., Ruiz, M., Molina, L. Horizontal-to-Vertical Spectral Ratio of Ambient Vibration Obtained with Hilbert-Huang Transform [elektronický dokument] In: Sensors. Bazilej: Multidisciplinary Digital Publishing Institute, 2021, Roč. 21, č. 9, [online] [tlačená forma]. ISSN 1424-3210. ISSN (online) 1424-8220. - SCIE ; SCO ; WOS CC, Art. No. 3292

2021 [1/12] / DEU - Pandey, B., Jakka, R. S., Kumar, A., Sharma, M. L. Site characterization of strong-motion stations of Himalaya and adjoining plains [elektronický dokument] In: Arabian Journal of Geosciences. Heidelberg: Springer Nature, 2021, Roč. 14, č. 10, [tlačená forma]. ISSN 1866-7511. ISSN (online) 1866-7538. - SCIE ; SCO ; WOS CC, Art. No. 879

2021 [1/12] / CHE - Paolucci, E., Cavuoto, G., Cosentino, G., Coltella, M., Simionato, M., Cavinato, G. P., Trulli, I., Albarello, D. Regional seismic characterization of shallow subsoil of northern apulia (Southern Italy) In: Geosciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2021, Roč. 11, č. 10, [online]. ISSN 2076-3263. - ESCI ; SCO ; WOS CC, Art. No. 416

2021 [1/12] / neurčené - Rault, C., Reninger, P. A., Samyn, K., Britri, A., Delatre, M., Thiery, Y., Aunay, B. New insights from a multi-method geophysical investigation on a very large, slow-moving landslide (Hell Bourg, Reunion Island) [elektronický dokument] In: First break, 2021, Roč. 39, č. 8, [tlačená forma]. ISSN 0263-5046. ISSN (online) 1365-2397. - SCO, 71 - 78

2021 [1/12] / GBR - Rigo, A., Sokos, E., Lefils, V., Briole, P. Seasonal variations in amplitudes and resonance frequencies of the HVSr amplification peaks linked to groundwater [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2021, Roč. 226, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1 - 13

2021 [1/12] / POL - Sarmadi, M., Heidari, R., Mirzaei, N., Siahkoohi, H. R. The improvement of the earthquake and microseismic Horizontal-to-Vertical Spectral Ratio (HVSr) in estimating site effects [elektronický dokument] In: Acta Geophysica. Varšava: Springer Nature. Springer International Publishing AG, 2021, Roč. 69, č. 4, [tlačená forma] [online]. ISSN 1895-6572. ISSN (online) 1895-7455. - SCIE ; SCO ; WOS CC, 1177 - 1188

2021 [1/12] / IND - Shankar, U., Yadav, P. K., Singh, A. P., Gupta, A. K. Evaluation of site-specific characteristics using microtremor measurements in the Gorakhpur city of Uttar Pradesh, India

[elektronický dokument] In: Journal of Earth System Science. Bangalúr: Indian Academy of Sciences, 2021, Roč. 130, č. 4, [tlačená forma] [online]. ISSN 0253-4126. ISSN (online) 0973-774X. - SCIE ; SCO ; WOS CC, Art. No. 188

2021 [1/12] / USA - Schleicher, L. S., Pratt, T. L. Characterizing Fundamental Resonance Peaks on Flat-Lying Sediments Using Multiple Spectral Ratio Methods: An Example from the Atlantic Coastal Plain, Eastern United States [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2021, Roč. 111, č. 4, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1824 - 1848

2021 [1/12] / CHE - Ulysse, S., Boisson, D., Dorival, V., Guerrier, K., Preptit, C., Cauchie, L., Mreyen, A. S., Havenith, H. B. Site Effect Potential in Fond Parisien, in the East of Port-au-Prince, Haiti In: Geosciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2021, Roč. 11, č. 4, [online]. ISSN 2076-3263. - ESCI ; SCO ; WOS CC, Art. No. 175

2021 [1/20] / GBR - Serlenga, V., Gallipoli, M. R., Ditommaso, R., Ponzo, C. F., Tragni, N., Perrone, A., Stabile, T. A., Calamita, G., Vignola, L., Carso, R. F., Pietrapertosa, D., Lapenna, V. An integrated approach for structural behavior characterization of the Gravina Bridge (Matera, Southern Italy) [elektronický dokument] In: Structural Health Monitoring: an international journal. Londýn: SAGE Publications, 2021, Roč. 20, č. 6, [tlačená forma] [online]. ISSN 1475-9217. ISSN (online) 1741-3168. - SCIE ; SCO ; WOS CC, 3371 - 3391

2021 [1/20] / NLD - Di Maio, R., Salone, R., De Paola, C., Piegari, E., Vitale, S. 3D Numerical Simulations of Non-Volcanic CO₂ Degassing in Active Fault Zones Based on Geophysical Surveys [elektronický dokument] In: Surveys in Geophysics: an international review journal of geophysics and planetary sciences: an International Review Journal Covering the Entire Field of Geosciences and Related Areas. [Amsterdam]: Springer Nature, 2021, Roč. 42, č. 6, [tlačená forma] [online]. ISSN 0169-3298. ISSN (online) 1573-0956. - SCIE ; SCO ; WOS CC, 1443 - 1478

2021 [1/20] / GBR - Muzli, M., Kambali, R. A. P., Nugraha, J., Sulastri, S., Hakim, A. R., Rohadi, S., Triyono, R., Riaman, N. F., Karnawati, D. Site characterizations of BMKG seismic network, Indonesia, based on HVSR analysis In: 3rd Southeast Asian Conference on Geophysics: Future Challenges and Opportunities in Geophysics . Bristol: Institute of Physics. IOP Publishing, 2021, [tlačená forma] [online]. - SCO, art. no. 012025

2021 [1/20] / CHE - Issaadi, A., Semmane, F., Yelles-Chaouche, A., Galiana-Merino, J. J., Mazari, A. Shallow S-Wave Velocity Structure in the Middle-Chelif Basin, Algeria, Using Ambient Vibration Single-Station and Array Measurements [elektronický dokument] In: Applied sciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2021, Roč. 11, č. 22, [online]. ISSN (online) 2076-3417. - SCIE ; SCO ; WOS CC, art. no. 11058

2022 [1/20] / CHE - Issaadi, A., Semmane, F., Yelles-Chaouche, A., Galiana-Merino, J. J., Layadi, K. S-Wave Velocity Structure in the City of Oued Fodda, Northern Algeria, by Inversion of Rayleigh Wave Ellipticity [elektronický dokument] In: Advances in Geophysics, Tectonics and Petroleum Geosciences: Proceedings of the 2nd Springer Conference of the Arabian Journal of Geosciences (CAJG-2), Tunisia 2019. Cham: Springer Nature. Springer, 2022, [tlačená forma] [online]. ISBN 978-3-030-73025-3. ISBN 978-3-030-73028-4. ISBN (online) 978-3-030-73026-0. - SCO, 163 - 166

2022 [1/20] / TUR - Zaenudin, A., Darmawan, I. G. B., Farduwin, A., Wibowo, R. C. Shear wave velocity estimation based on the particle swarm optimization method of HVSR curve inversion in Bakauheni district, Indonesia [elektronický dokument] In: Turkish Journal of Earth Sciences. Ankara: Türkiye Bilimsel ve Teknolojik Araştırma Kurumu, 2022, Roč. 31, č. 5, [tlačená forma]. ISSN 1300-0985. ISSN (online) 1303-619X. - SCIE ; SCO ; WOS CC, 480 - 493

2022 [1/20] / GBR - Khan, S., Waseem, M., Khalid, S., Kontoni, D.-P., N., Ahmad, M., Keawsawasvong, S. Fuzzy Clustering Analysis of HVSR Data for Seismic Microzonation at Lahore City [elektronický dokument] In: Shock and Vibration. Londýn: Hindawi Publishing Corporation, 2022, Roč. 2022, [tlačená forma]. ISSN 1070-9622. ISSN (online) 1875-9203. - SCIE ; SCO ; WOS CC, art. no. 3109609

2022 [1/20] / DEU - Van Ginkel, J., Ruigrok, E., Stafleu, J., Herber, R. Development of a seismic site-response zonation map for the Netherlands [elektronický dokument] In: Natural Hazards and Earth System Sciences. Mníchov: European Geosciences Union, 2022, Roč. 22, č. 1, [tlačená forma] [online]. ISSN 1561-8633. ISSN (online) 1684-9981. - SCIE ; SCO ; WOS CC, 41 - 63

2022 [1/20] / NLD - Iannucci, R., Lenti, L., Martino, S., Perazza, R., Varone, C., Bozzano, F. Identifying the influence of a large alluvial valley on train-induced vibration propagation in Rome by an integrated approach [elektronický dokument] In: Engineering Geology: An International Journal. Amsterdam: Elsevier, 2022, č. 297, [tlačená forma] [online]. ISSN 0013-7952. ISSN (online) 1872-6917. - SCIE ; SCO ; WOS CC, art. no. 106499

2022 [1/20] / NLD - Dal Moro, G., Panza, G. F. Multiple-peak HVSR curves: Management and statistical assessment [elektronický dokument] In: Engineering Geology: An International Journal. Amsterdam: Elsevier, 2022, č. 297, [tlačená forma] [online]. ISSN 0013-7952. ISSN (online) 1872-6917. - SCIE ; SCO ; WOS CC, art. no. 106500

2022 [1/20] / DEU - Alonso-Pandavenes, O., Torres, G., Torrijo, F. J., Garzon-Roca, J. Basement tectonic structure and sediment thickness of a valley defined using HVSR geophysical investigation, Azuela valley, Ecuador [elektronický dokument] In: Bulletin of Engineering Geology and the Environment: The official journal of the IAEG. Berlín: Springer Nature. Springer International Publishing AG, 2022, Roč. 81, č. 5, [tlačená forma]. ISSN 1435-9529. ISSN (online) 1435-9537. - SCIE ; SCO ; WOS CC, art. no. 210

2022 [1/20] / IND - Kuldeep, Shekar, B., Mohan, G., Singh, S. K. Assessment of Seismic Vulnerability using the Ambient Noise Recordings in Cachar Fold Belt, Assam [elektronický dokument] In: Journal of the Geological Society of India. Naí Dillí: Springer Nature. Springer, 2022, Roč. 98, č. 6, [tlačená forma] [online]. ISSN 0016-7622. ISSN (online) 0974-6889. - SCIE ; SCO ; WOS CC, 795 - 804

2022 [1/20] / GBR - Pang, J., Xia, J., Zhou, C., Chen, X., Cheng, F., Xing, H. Common-midpoint two-station analysis of estimating phase velocity using high-frequency ambient noise [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2022, č. 159, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, art. no. 107356

2022 [1/20] / CHE - Issaadi, A., Saadi, A., Semmane, F., Yelles-Chaouche, A., Galiana-Merino, J. J. Liquefaction Potential and V-s(30) Structure in the Middle-Chelif Basin, Northwestern Algeria, by Ambient Vibration Data Inversion [elektronický dokument] In: Applied sciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2022, Roč. 12, č. 16, [online]. ISSN (online) 2076-3417. - SCIE ; SCO ; WOS CC, art. no. 8069

2022 [1/20] / USA - Pinilla-Ramos, C., Abrahamson, N., Kayen, R. Estimation of Site Terms in Ground-Motion Models for California Using Horizontal-to-Vertical Spectral Ratios from Microtremor [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2022, Roč. 112, č. 6, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 3016 - 3036

2022 [1/20] / NLD - Maggio, G., Subašić, S., Bean, C. J. Subsurface characterization using passive seismic in the urban area of Dublin City, Ireland [elektronický dokument] In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2022, Roč. 70, č. 8, [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCIE ; SCO ; WOS CC, 1432 - 1454

2022 [1/20] / USA - Amrouche, M., Weber, R. C., Schmerr, N., Iqbal, W. Effects of Lunar Near-Surface Geology on Moonquakes Ground Motion Amplification [elektronický dokument] In: Journal of Geophysical Research: Planets. Washington: John Wiley & Sons. American Geophysical Union, 2022, Roč. 127, č. 9, [tlačená forma] [online]. ISSN 2169-9097. ISSN (online) 2169-9100. - SCIE ; SCO ; WOS CC, art. no. e2022JE007396

2022 [1/20] / NLD - Avila-Barrientos, L., Yegres-Herrera, L. A., Flores-Estrella, H., Gonzalez-Fernandez, A. Estimation of shallow V(P) and V-S models in La Reforma Caldera, Baja California Sur, Mexico, using H/V ratios. Preliminary results [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2022, č. 204, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, art. no. 104736

2022 [1/20] / GBR - Manzo, R., Nardone, L., Gaudiosi, G., Martino, C., Galluzzo, D., Bianco, F., Di Maio, R. A first 3-D shear wave velocity model of the Ischia Island (Italy) by HVSR inversion [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2022, Roč. 230, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 2056 - 2072

2022 [1/20] / USA - Zhang, Z., Nakata, N., Karplus, M., Kaip, G., Yi, J. Shallow Ice-Sheet Composite Structure Revealed by Seismic Imaging Near the West Antarctic Ice Sheet (WAIS) Divide Camp [elektronický dokument] In: Journal of Geophysical Research: Earth Surface. Washington: AGU publications, 2022, Roč. 127, č. 12, [tlačená forma] [online]. ISSN 2169-9003. ISSN (online) 2169-9011. - SCIE ; SCO ; WOS CC, art. no. e2022JF006777

2022 [1/20] / NLD - Kaslilar, A., Juhlin, C. Estimating the Bedrock Depth Below Glacial Deposits Using the HVSR Method In: 28th European Meeting of Environmental and Engineering Geophysics. [Utrecht]: The European Association of Geoscientists and Engineers (EAGE), 2022, [tlačená forma] [online]. ISBN 9789462824256. - SCO, nestr.

2022 [1/20] / FRA - Setiawan, B., Rizal, M., Yunita, H., Saidi, T., Hasan, M., Zulkifli, Z. Validating a low-cost seismometer using a shaking table In: 13th of Aceh International Workshop and Expo on Sustainable Tsunami Disaster Recovery. Les Ulis: Édition Diffusion Presse Sciences, 2022, [tlačená forma] [online]. - SCO, art. no. 02009

2022 [1/20] / GBR - Badrolhisham, S. N. S., Khalil, A. E., Wai, W. K., Latiff, A. H. A. Evaluation of site effects using horizontal-to-vertical spectral ratio in Kuala Pilah, Negeri Sembilan In: 2nd International Conference on Earth Resources 2020. Londýn: Institute of Physics, 2022, [tlačená forma] [online]. - SCO, art. no. 012036

2023 [1/20] / ITA - Grimaz, S., Malisan, P., Pividori, A. Rapid check of presumed seismic structural behaviour of buildings using ambient vibration measurements [elektronický dokument] In: Bulletin of Geophysics and Oceanography. Terst: Istituto Nazionale di Oceanografia e di Geofisica Sperimentale, 2023, Roč. 64, č. 1, [tlačená forma] [online]. ISSN 2785-339X. ISSN (online) 2785-2970. - SCIE ; SCO ; WOS CC, 1 - 26

2023 [1/20] / GBR - Saadi, A., Issaadi, A., Semmane, F., Yelles-Chaouche, A., Galiana-Merino, J. J., Layadi, K., Chimouni, R. 3D shear-wave velocity structure for Oran city, northwestern Algeria, from inversion of ambient vibration single-station and array measurements [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2023, č. 164, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, art. no. 107570

2023 [1/20] / GBR - Paolucci, E., Tanzini, A., Albarello, D. From HVSR to site SH response function: Potentiality and pitfalls inferred by 1D physical modelling [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2023, č. 165, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, art. no. 107703

2023 [1/20] / NLD - Calamita, G., Gallipoli, M. R., Gueguen, E., Sinisi, R., Summa, V., Vignola, L., Stabile, T. A., Bellanova, J., Piscitelli, S., Perrone, A. Integrated geophysical and geological surveys reveal new details of the large Montescaglioso (southern Italy) landslide of December 2013 [elektronický dokument] In: Engineering Geology: An International Journal. Amsterdam: Elsevier, 2023, č. 313, [tlačená forma] [online]. ISSN 0013-7952. ISSN (online) 1872-6917. - SCIE ; SCO ; WOS CC, art. no. 106984

2023 [1/20] / NLD - Gangone, G., Gallipoli, M. R., Tragni, N., Vignola, L., Caputo, R. Soil-building resonance effect in the urban area of Villa d'Agri (Southern Italy) [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2023, Roč. 21, č. 7, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 3273 - 3296

2023 [1/20] / GBR - Perez-Arce, R. L., Munguia, L., Vidal-Villegas, J. A., Gonzalez-Escobar, M. Site response study based on seismic data recorded in sediments of the Mexicali valley, Baja California, Mexico [elektronický dokument] In: Journal of South American Earth Sciences: including Mexico, Central America, The Caribbean and The Antarctic Peninsula. Oxford: Elsevier. Pergamon Press, 2023, Roč. 125, [tlačená forma] [online]. ISSN 0895-9811. ISSN (online) 1873-0647. - SCIE ; SCO ; WOS CC, art. no. 104291

2023 [1/20] / CHE - Lim, D., Ahn, J.-K. Horizontal seismic wave at ground surface from transfer function based on ambient noise In: Frontiers in Earth Science. Lausanne: Frontiers Media, 2023, Roč. 11, [online]. ISSN 2296-6463. - SCIE ; SCO ; WOS CC, art. no. 1047667

2023 [1/20] / GBR - Carrasco, S., Knapmeyer-Endrun, B., Margerin, L., Schmelzbach, C., Onodera, K.,

Pan, L., Lognonne, P., Menina, S., Giardini, D., Stutzmann, E., Clinton, J., Stahler, S., Schimmel, M., Golombek, M., Hobiger, M., Hallo, M., Kedar, S., Banerdt, W. B. Empirical H/V spectral ratios at the InSight landing site and implications for the martian subsurface structure [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 232, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1293 - 1310

2023 [1/20] / USA - Cortez, S. A., Velasco, A. A., Karplus, M. S., Ornelas, O. S. D., Gonzalez-Huizar, H., Perez-Campos, X., Husker, A., Pant, M. H/V Analysis in Juchitan de Zaragoza, Oaxaca, Following the 2017 M 8.2 Tehuantepec, Mexico Earthquake [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2023, Roč. 113, č. 2, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 804 - 822

2023 [1/20] / GBR - Pettenati, F., Maharjan, D. K., Paudyal, S., Sandron, D., Wagle, S., Cravos, C., Giorgi, M., Shrestha, S. N. Structure of the Kathmandu basin inferred from microtremor measurements: a preliminary study [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 233, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 420 - 435

2023 [1/20] / USA - Besedina, A. N., Tubanov, Ts. A. Microseisms as a Tool for Geophysical Research. A Review [elektronický dokument] In: Journal of Volcanology and Seismology. New York: Pleiades Publishing, 2023, Roč. 17, č. 2, [tlačená forma] [online]. ISSN 0742-0463. ISSN (online) 1819-7108. - SCIE ; SCO ; WOS CC, 83 - 101

2023 [1/20] / GBR - Farazi, A. H., Ito, Y., Garcia, E. S. M., Lontsi, A. M., Sanchez-Sesma, F. J., Jaramillo, A., Ohyanagi, S., Hino, R., Shinohara, M. Shear wave velocity structure at the Fukushima forearc region based on H/V analysis of ambient noise recordings by ocean bottom seismometers [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 233, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1801 - 1820

2023 [1/20] / GBR - Papadopoulos, I., Manzano, J., Reddock, K., Latchman, J. L. The Trinidad and Tobago microzonation project: San Fernando [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 233, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1727 - 1745

2023 [1/20] / CHE - Alonso-Pandavenes, O., Torrijo, F. J., Garzon-Roca, J., Gracia, A. Early Investigation of a Landslide Sliding Surface by HVSr and VES Geophysical Techniques Combined, a Case Study in Guarumales (Ecuador) [elektronický dokument] In: Applied sciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2023, Roč. 13, č. 2, [online]. ISSN (online) 2076-3417. - SCIE ; SCO ; WOS CC, art. no. 1023

2023 [1/20] / CHE - Scudero, Salvatore, Costanzo, Antonio, D'Alessandro, Antonino. Urban seismic networks [elektronický dokument]: a worldwide review. DOI 10.3390/app132413165 In: Applied sciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2023, Roč. 13, č. 24, art. no. 13165 , s. [1-26] [online]. ISSN (online) 2076-3417. - SCO ; CCC ; WOS CC ; SCIE, art. no. 13165 - 26]

2024 [1/20] / GBR - Stanko, Davor, Korbar, Tvrtko, Markušić, Snježana. Evaluation of the Local Site Effects and Their Implication to the Seismic Risk of the UNESCO World Heritage Site Old City of Dubrovnik (Croatia) [elektronický dokument]. DOI 10.1080/13632469.2023.2220029 In: Journal of Earthquake Engineering. Abingdon: Taylor & Francis Group, 2024, Roč. 28, č. 3, s. 731-759 [tlačená forma] [online]. ISSN 1363-2469. ISSN (online) 1559-808X. - SCO ; WOS CC ; CCC ; SCIE, 731 - 759

2023 [1/20] / NLD - Pang, Jingyin, Xia, Jianghai, Cheng, Feng, Zhou, Changjiang, Chen, Xinhua, Shen, Chao, Xing, Huaixue, Chang, Xiaojun. Surface Wave Dispersion Measurement with Polarization Analysis Using Multicomponent Seismic Noise Recorded by a 1-D Linear Array [elektronický dokument]. DOI 10.1007/s10712-023-09787-8 In: Surveys in Geophysics: an international review journal of geophysics and planetary sciences: an International Review Journal Covering the Entire Field of Geosciences and Related Areas. [Amsterdam]: Springer Nature, 2023, Roč. 44, č. 6, s. 1863-1895 [tlačená forma] [online]. ISSN 0169-3298. ISSN (online) 1573-0956. - SCO ; WOS CC ; CCC ; SCIE, 1863 - 1895

2024 [1/20] / USA - Mase, Lindung Zalbuin, Refrizon, Pakpahan, Ninety Seven, Shelina, Aza, Wu, Jiujiang, Chaiyaput, Salisa. Site Characteristics of Musi Fault Zone in Kepahiang Urban Area, Bengkulu Province, Indonesia [elektronický dokument]. DOI 10.1007/s40515-024-00375-w In: Transportation

Infrastructure Geotechnology. New York: Springer Nature. Springer International Publishing AG, 2024, Roč. 11, č. 4, s. 2453-2482 [tlačená forma] [online]. ISSN 2196-7202. ISSN (online) 2196-7210. - SCO ; WOS CC ; ESCI, 2453 - 2482

2024 [1/20] / CHE - Galone, Luciano, Panzera, Francesco, Colica, Emanuele, Fucks, Enrique, Carol, Eleonora, Cellone, Francisco, Rivero, Lluís, Agius, Matthew R., D'Amico, Sebastiano. A Seismic Monitoring Tool for Tidal-Forced Aquifer Level Changes in the Río de la Plata Coastal Plain, Argentina [elektronický dokument]. DOI 10.3390/su16041432 In: Sustainability. Bazilej: Multidisciplinary Digital Publishing Institute, 2024, Roč. 16, č. 4, art. no. 1432 [online]. ISSN (online) 2071-1050. - SCO ; WOS CC ; SCIE ; SSCI ; CCC, art. no. 1432

2024 [1/20] / NLD - Sun, Ruizhe, Li, Jing, Yan, Yingwei, Liu, Hui, Bai, Lige, Chen, Yuqing. Three-Dimensional Urban Subsurface Space Tomography with Dense Ambient Noise Seismic Array [elektronický dokument]. DOI 10.1007/s10712-023-09819-3 In: Surveys in Geophysics: an international review journal of geophysics and planetary sciences: an International Review Journal Covering the Entire Field of Geosciences and Related Areas. [Amsterdam]: Springer Nature, 2024, Roč. 45, č. 3, s. 819-843 [tlačená forma] [online]. ISSN 0169-3298. ISSN (online) 1573-0956. - SCO ; WOS CC ; CCC ; SCIE, 819 - 843

2024 [1/20] / GBR - Masoumi, Z., Ghods, A., Shabanian, E., Hakimi, B., Etemad-Saeed, N., Malekian, F. Investigation of site fundamental frequency using H/V method guided by geomorphic features derived from old aerial photos [elektronický dokument]. DOI 10.1016/j.soildyn.2023.108431 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2024, č. 177, art. no. 108431 [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCO ; WOS CC ; CCC ; SCIE, art. no. 108431

2023 [1/20] / CHN - Han, Fuxing, Song, Bingxuan, Chen, Yubei, Wu, Linjun, Huang, Mengting, Pan, Yanjie. Multiple Weighted HVSR Method Based on XGBoost. DOI 10.13278/j.cnki.jjuese.20230268 In: Jilin Daxue Xuebao (Diqu Xexue Ban). Changchun: Jilin University, 2023, Roč. 53, č. 6, s. 1983-1990 [tlačená forma]. ISSN 1671-5888. - SCO, 1983 - 1990

2023 [1/20] / ITA - Pino, Paolo, Scolaro, Silvia, Torre, Antonino, D'amico, Sebastiano, Neri, Giancarlo, Presti, Debora. Geophysical and geological signatures of an unknown fault in the historic center of Messina (Sicily, south Italy) [elektronický dokument]. DOI 10.4401/ag-8950 In: Annals of Geophysics. Rim: L'Istituto Nazionale di Geofisica e Vulcanologia, 2023, Roč. 66, č. 3-4, art. no. SE319 [tlačená forma] [online]. ISSN 15935213. ISSN (online) 2037416X. - SCO ; WOS CC ; SCIE, art. no. SE319

2023 [1/20] / IND - Yadav, Pawan Kumar, Shankar, Uma. Site Characterization for Seismic Hazard Analysis in Gorakhpur City Using Shear Wave Velocity (Vs) from Ambient Noise Measurements [elektronický dokument]. DOI 10.1007/s40098-023-00719-2 In: Indian Geotechnical Journal. Naí Dillí: Springer Nature. Springer, 2023, Roč. 53, č. 4, s. 938-948 [tlačená forma] [online]. ISSN 0971-9555. ISSN (online) 2277-3347. - SCO ; WOS CC ; ESCI, 938 - 948

2023 [1/20] / USA - Papadopoulos, George, Fikos, Ilias, Garcia-Jerez, Antonio, Theodoulidis, Nikos, Vargemezis, George. Combination of passive and active methods towards site characterization of accelerometer stations in Greece [elektronický dokument]. DOI 10.1002/nsg.12248 In: Near Surface Geophysics. Hoboken: Willey, 2023, Roč. 21, č. 6, s. 486-506 [tlačená forma] [online]. ISSN 1569-4445. ISSN (online) 1873-0604. - SCO ; WOS CC ; CCC ; SCIE, 486 - 506

2022 [1/20] / GBR - Jones, Glenn A., Kulessa, Bernd, Ferreira, Ana M. G., Schimmel, Martin, Berbellini, Andrea, Morelli, Andrea. Extraction and applications of Rayleigh wave ellipticity in polar regions [elektronický dokument]. DOI 10.1017/aog.2023.1 In: Annals of Glaciology. Cambridge: Cambridge University Press, 2022, Roč. 63, č. 87-89, s. 3-7 [tlačená forma] [online]. ISSN 0260-3055. ISSN (online) 1727-5644. - WOS CC ; CCC ; SCIE ; SCO, 3 - 7

2023 [1/20] / CHE - Ghione, Federica, Köhler, Andreas, Dichiarante, Anna Maria, Aarnes, Ingrid, Oye, Volker. Vs30 and depth to bedrock estimates from integrating HVSR measurements and geology-slope approach in the Oslo area, Norway. DOI 10.3389/feart.2023.1242679 In: Frontiers in Earth Science. Lausanne: Frontiers Media, 2023, Roč. 11, art. no. 1242679 [online]. ISSN 2296-6463. - SCO ; WOS CC ; CCC ; SCIE, art. no. 1242679

2024 [1/20] / POL - Mase, Lindung Zalbuin, Amri, Khairul, Ueda, Kyohei, Apriani, Rita, Utami, Fazriati, Tobita, Tetsuo, Likitlersuang, Suched. Geophysical investigation on the subsoil characteristics of the Dendam Tak Sudah Lake site in Bengkulu City, Indonesia [elektronický dokument]. DOI

10.1007/s11600-023-01158-6 In: Acta Geophysica. Varšava: Springer Nature. Springer International Publishing AG, 2024, Roč. 72, č. 2, s. 893-913 [tlačená forma] [online]. ISSN 1895-6572. ISSN (online) 1895-7455. - SCO ; WOS CC ; CCC ; SCIE, 893 - 913

2023 [1/20] / GBR - Vantassel, Joseph P., Stolte, Andrew C., Wotherspoon, Liam M., Cox, Brady R. AutoHVSr [elektronický dokument]: A machine-learning-supported algorithm for the fully-automated processing of horizontal-to-vertical spectral ratio measurements. DOI 10.1016/j.soildyn.2023.108153 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2023, č. 173, art. no. 108153 [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCO ; WOS CC ; CCC ; SCIE, art. no. 108153

2023 [1/20] / NLD - Chang, Jiang, Deng, Yahong, Cao, Ge, Xuan, You, He, Nainan, Zhao, Xunchang, Mu, Huandong. The dynamic amplification effect of a site with earth fissures [elektronický dokument]: a case study in the Taiyuan Basin, China. DOI 10.1007/s10950-023-10161-9 In: Journal of Seismology. Dordrecht: Springer Nature, 2023, Roč. 27, č. 4, s. 769-788 [tlačená forma] [online]. ISSN 1383-4649. ISSN (online) 1573-157X. - SCO ; WOS CC ; CCC ; SCIE, 769 - 788

2023 [1/20] / NLD - Müller, Jozef, Burjánec, Jan. In situ estimation of effective rock elastic moduli by seismic ambient vibrations [elektronický dokument]. DOI 10.1016/j.ijrmms.2023.105459 In: International Journal of Rock Mechanics and Mining Sciences. Amsterdam: Elsevier, 2023, č. 170, art. no. 105459 [tlačená forma] [online]. ISSN 1365-1609. ISSN (online) 1873-4545. - SCO ; WOS CC ; SCIE ; CCC, art. no. 105459

2023 [1/20] / USA - Ávila-Barrientos, Lenin, Yegres-Herrera, Luis A., Flores-Estrella, Hortencia. Characterization of landslides in Federal Highway 1D, Baja California, Mexico, using seismic noise records and the HVSr method [elektronický dokument]. DOI 10.1007/s11069-023-06053-3 In: Natural Hazards. New York: Springer Nature. Springer, 2023, Roč. 118, č. 2, s. 1281-1299 [tlačená forma] [online]. ISSN 0921-030X. ISSN (online) 1573-0840. - SCO ; WOS CC ; CCC ; SCIE, 1281 - 1299

2024 [1/20] / GBR - Darzi, Atefe, Halldorsson, Benedikt, Cotton, Fabrice, Rahpeyma, Sahar. Nationwide frequency-dependent seismic site amplification models for Iceland [elektronický dokument]. DOI 10.1016/j.soildyn.2024.108798 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2024, č. 183, art. no. 108798 [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - WOS CC ; CCC ; SCIE ; SCO, art. no. 108798

2024 [1/20] / CHE - Ruzza, Giuseppe, Cogliano, Rocco, D'Ambrosio, Ciriaco, Falco, Luigi, Cardinale, Vincenzo, Minichiello, Felice, Memmolo, Antonino, Castagnozzi, Angelo, De Luca, Giovanni, Vicari, Annamaria. SEISMONOISY: A Quasi-Real-Time Seismic Noise Network Monitoring System [elektronický dokument]. DOI 10.3390/s24113474 In: Sensors. Bazilej: Multidisciplinary Digital Publishing Institute, 2024, Roč. 24, č. 11, art. no. 3474 [online] [tlačená forma]. ISSN 1424-3210. ISSN (online) 1424-8220. - SCO ; WOS CC ; CCC ; SCIE, art. no. 3474

2024 [1/20] / NLD - Galone, Luciano, Villani, Fabio, Colica, Emanuele, Pistillo, Davide, Baccheschi, Paola, Panzera, Francesco, Galindo-Zaldívar, Jesús, D'Amico, Sebastiano. Integrating near-surface geophysical methods and remote sensing techniques for reconstructing fault-bounded valleys (Mellieha valley, Malta). DOI 10.1016/j.tecto.2024.230263 In: Tectonophysics: The International Journal of Integrated Solid Earth Sciences. Amsterdam: Elsevier, 2024, č. 875, art. no. 230263 [tlačená forma] [online]. ISSN 0040-1951. - SCO ; WOS CC ; CCC ; SCIE, art. no. 230263

2024 [1/20] / NLD - Villani, F., Maraio, S., Improta, L., Sapia, V., Di Giulio, G., Baccheschi, P., Pischiutta, M., Vassallo, M., Materni, V., Bruno, P. P., Brunori, C. A., Civico, R., D'Alessandro, A., Felicetta, C., Lovati, S., Ricci, T., Scudero, S., De Martini, P. M. High-resolution geophysical investigations in the central Apennines seismic belt (Italy): Results from the Campo Felice tectonic basin. DOI 10.1016/j.tecto.2023.230170 In: Tectonophysics: The International Journal of Integrated Solid Earth Sciences. Amsterdam: Elsevier, 2024, č. 871, art. no. 230170 [tlačená forma] [online]. ISSN 0040-1951. - SCO ; WOS CC ; CCC ; SCIE, art. no. 230170

2023 [1/20] / CHE - Gupta, Ravindra K., Agrawal, Mohit, Pulliam, Jay. Joint Modelling and Uncertainty Estimation for Site Characterization of Dhanbad City (India) Using Global Optimization [elektronický dokument]. DOI 10.1007/s00024-023-03358-z In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2023, Roč. 180, č. 11, s. 3947-3969 [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCO ; WOS CC ; CCC ; SCIE, 3947 - 3969

2023 [1/20] / DEU - Fornasari, Simone Francesco, Ertuncay, Deniz, Costa, Giovanni. Seismic

background noise levels in the Italian strong-motion network [elektronický dokument]. DOI 10.5194/nhess-23-3219-2023 In: Natural Hazards and Earth System Sciences. Mnichov: European Geosciences Union, 2023, Roč. 23, č. 10, s. 3219-3234 [tlačená forma] [online]. ISSN 1561-8633. ISSN (online) 1684-9981. - SCO ; WOS CC ; CCC ; SCIE, 3219 - 3234

2023 [1/20] / CHE - Kim, Jaehwi, Heo, Giseok, Kwak, Dongyoun, Jeong, Seokho. The Relationship between Bedrock Depth and Site Fundamental Frequency in the Nakdonggang Delta Region, South Korea [elektronický dokument]. DOI 10.3390/geotechnics3030030 In: Geotechnics. Bazilej: Multidisciplinary Digital Publishing Institute, 2023, Roč. 3, č. 3, s. 550-560 [online]. ISSN (online) 2673-7094. - WOS CC ; ESCI, 550 - 560

2024 [1/20] / GBR - Wang, Jixin, Li, Xiaojun, Rong, Mianshui, Zhao, Qingxu, Kong, Xiaoshan. Influence of soil parameter uncertainties on site ambient noise horizontal to vertical spectral ratio modeling [elektronický dokument]. DOI 10.1016/j.soildyn.2024.108950 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2024, č. 187, art. no. 108950 [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCO ; WOS CC ; CCC ; SCIE, art. no. 108950

2024 [1/20] / NLD - Carvalho, J., Alves, D., Borges, J., Caldeira, B., Cordeiro, D., Machadinho, A., Oliveira, A., Ramalho, E. C., Rodrigues, J. F., Llorente, J. M., Ditutala, M., García-Lobón, J. L., Máximo, J., Carvalho, C., Labaredas, J., Ibarra, P., Manuel, J. Depth estimation of pre-Kalahari basement in Southern Angola using seismic noise measurements and drill-hole data [elektronický dokument]. DOI 10.1016/j.jappgeo.2024.105498 In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2024, č. 230, art. no. 105498 [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCO ; WOS CC ; CCC ; SCIE, art. no. 105498

2024 [1/20] / CHN - Zaenudin, Ahmad, Farduwini, Alhada, Boy Darmawan, Gede I., Karyanto. Shear wave velocity model using HVSR inversion beneath Bandar Lampung City [elektronický dokument]. DOI 10.1016/j.eqs.2024.04.004 In: Earthquake Science. Peking: KeAi Communications Co., 2024, Roč. 37, č. 4, s. 337-351 [tlačená forma] [online]. ISSN 1674-4519. ISSN (online) 1867-8777. - SCO ; WOS CC ; ESCI, 337 - 351

2024 [1/20] / DEU - Hamed, Ahmed, Fat-Helbary, Raafat Elshafie, Gowad, Ahmed M.Abdel. Active and passive seismic data integration for delineating the near-surface velocity models at Ras Samadai area, Red Sea-Egypt [elektronický dokument]. DOI 10.1007/s40808-024-02065-5 In: Modeling earth systems and environment. Heidelberg: Springer Nature. Springer, 2024, Roč. 10, č. 4, s. 5309-5327 [tlačená forma] [online]. ISSN 2363-6203. ISSN (online) 2363-6211. - SCO ; WOS CC ; ESCI, 5309 - 5327

2023 [1/20] / GBR - Anggono, T., Anjali, D., Marinda, E., Haryanti, S., Handayani, L., Mukti, M. M., Lubis, A. M., Gaol, K. L., Sudrajat, Y., Syuhada, S., Saputra, F. R.T., Prasetyo, A. D., Hasib, M., Febriani, F., Dewi, C. N., Setyonegoro, W. Microzonation study around Lake Toba, North Sumatra, Indonesia based on horizontal [elektronický dokument]: Vertical spectral ratio. DOI 10.1088/1755-1315/1233/1/012023 In: 3rd Geoscience and Environmental Management Symposium. Londýn: Institute of Physics, 2023, art. no. 012023 [tlačená forma] [online]. ISSN 17551307. ISSN (online) 17551315. - SCO, art. no. 012023

2023 [1/20] / USA - Rafi, Muhammad Masood, Ahmed, Muhammad, Lodi, Sarosh Hashmat, Varum, Humberto, Arshad, Muhammad Tausif, Alam, Naveed. Development of Fragility Functions for Brick Masonry Structures Using Damage Data from September 24, 2019, Earthquake in Mirpur, Azad Kashmir [elektronický dokument]. DOI 10.1061/JPCFEV.CFENG-4441 In: Journal of Performance of Constructed Facilities. Reston: The American Society of Civil Engineers, 2023, Roč. 37, č. 4, art. no. 04023029, s. Nestr. [1-3] [tlačená forma] [online]. ISSN 0887-3828. ISSN (online) 1943-5509. - WOS CC ; SCIE ; CCC ; SCO, art. no. 04023029 - 3]

ADC_031 / Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (50%) - Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (50%): On the accuracy of the finite-difference schemes : The 1D elastic problem. – text. – DOI 10.1785/0120060031. – SCO ; WOS CC ; SCIE ; CCC
In: Bulletin of the Seismological Society of America [textový dokument (print)] [elektronický dokument] . – ElCerrito (USA) : Seismological Society of America. – ISSN 0037-1106. – ISSN (online) 1943-3573. – Roč. 96, č. 6 (2006), s. 2398-2414 [tlačená forma] [online]

Počet všech autorů: 2

[článek]

Lit.: 25

[OV 092 Vedy o Zemi a vesmíře]

Ohlasy (8):

2008 [1/12] / GBR - Kaser, M., Hermann, V., de la Puente, J. Quantitative accuracy analysis of the discontinuous Galerkin method for seismic wave propagation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2008, Roč. 173, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 990 - 999

2009 [1/12] / NLD - Toyokuni, G., Takenaka, H. ACE-A FORTRAN subroutine for analytical computation of effective grid parameters for finite-difference seismic waveform modeling with standard Earth models [elektronický dokument] In: Computers & Geosciences. Amsterdam: Elsevier, 2009, Roč. 35, č. 3, [tlačená forma] [online]. ISSN 0098-3004. ISSN (online) 1873-7803. - SCIE ; SCO ; WOS CC, 635 - 643

2010 [1/12] / USA - Yang, D. H., Wang, L. A split-step algorithm for effectively suppressing the numerical dispersion for 3D seismic propagation modeling [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2010, Roč. 100, č. 4, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1470 - 1484

2011 [1/12] / neurčené - Fichtner, A. Full seismic waveform modelling and inversion : Advances in Geophysical and Environmental Mechanics and Mathematics [textový dokument (print)] . Berlin: Springer, 2011. 1 vyd. - BKCI-S ; WOS CC

2011 [1/12] / GBR - Hermann, V., Kaser, M., Castro, C. E. Non-conforming hybrid meshes for efficient 2-D wave propagation using the Discontinuous Galerkin Method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2011, Roč. 184, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 746 - 758

2015 [1/12] / neurčené - Yan, B., Zeng, X., Li, Y. Subsection Forward Modeling Method of Blasting Stress Wave Underground In: Mathematical Problems in Engineering, 2015, 2015. - SCIE ; SCO ; WOS CC, Art. No. 678468

2016 [1/12] / IND - Pal, J., Ghorai, A. P. Comparison and analysis of surface waves propagation in initially stressed dry sandy layer using conventional and time dependent finite difference scheme [elektronický dokument] In: International Journal of Applied Engineering Research. Dillí: Research India Publications, 2016, Roč. 11, č. 10, [tlačená forma] [online]. ISSN 0973-4562. ISSN (online) 0973-9769. - SCO, 7119 - 7124

2020 [1/12] / neurčené - Pal, J., Ghorai, A. P. Numerical Modeling of Love Waves in Dry Sandy Layer Under Initial Stress Using Different Order Finite Difference Methods In: Recent Trends in Wave Mechanics and Vibrations, Wmvc 2018 : Lecture Notes in Mechanical Engineering. Singapore: Springer-Verlag Singapore Pte Ltd, 2020. - CPCI-S ; SCO ; WOS CC, 165 - 186

ADC_032 / Kristeková, Miriam (Autor) (25%) - Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (25%) - Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (25%) - Day, Steven M. (Autor) (25%): Misfit criteria for quantitative comparison of seismograms. – text, tab., obr. – DOI 10.1785/0120060012. – CCC ; SCO ; WOS CC ; SCIE

In: *Bulletin of the Seismological Society of America* [textový dokument (print)] [elektronický dokument] . – ElCerrito (USA) : Seismological Society of America. – ISSN 0037-1106. – ISSN (online) 1943-3573. – Roč. 96, č. 5 (2006), s. 1836-1850 [tlačená forma] [online]

Počet všetkých autorov: 4

[článok]

Lit.: 14

[OV 092 Vedy o Zemi a vesmíre]

Ohlasy (150):

2007 [1/12] / GBR - Benjemaa, M., Glinsky-Olivier, N., Cruz-Atienza, V. M., Virieux, J., Piperno, S. Dynamic non-planar crack rupture by a finite volume method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2007, Roč. 171, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 271 - 285

2007 [3/12] / neurčené - de la Puente, J. Článok In: Seismic wave simulation for complex rheologies on unstructured meshes. München : Ludwig-Maximilians-Universität, 2007, 2007

2007 [1/12] / USA - Kaser, M., Mai, P. M., Dumbser, M. Accurate calculation of fault-rupture models using the high-order discontinuous Galerkin method on tetrahedral meshes [elektronický dokument] In: Bulletin

of the Seismological Society of America. EICerrito: Seismological Society of America, 2007, Roč. 97, č. 5, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1570 - 1586

2007 [1/12] / GBR - Kaser, M., Dumbser, M., de la Puente, J., Igel, H. An arbitrary high-order discontinuous Galerkin method for elastic waves on unstructured meshes - 3. Viscoelastic attenuation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2007, Roč. 168, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 224 - 242

2007 [1/12] / CZE - Perez-Ruiz, J. A., Luzon, F., García-Jerez, A. Scattering of elastic waves in cracked media using a finite difference method [elektronický dokument] In: Studia Geophysica et Geodaetica: a journal of geophysics, meteorology and climatology, geodesy. Praha: Akademie věd České republiky. Geofyzikální ústav AV ČR, 2007, Roč. 51, č. 1, [tlačená forma] [online]. ISSN 0039-3169. ISSN (online) 1573-1626. - SCIE ; SCO ; WOS CC, 59 - 88

2007 [1/12] / neurčené - Gallovic, F., Barsch, R., de la Puente, J., Igel, H. Digital library for computational seismology In: Eos, 2007, Roč. 88, č. 50. ISSN 0012-7825. - SCO, 599

2008 [1/12] / NLD - Douglas, J., Aochi, H. A Survey of Techniques for Predicting Earthquake Ground Motions for Engineering Purposes [elektronický dokument] In: Surveys in Geophysics: an international review journal of geophysics and planetary sciences: an International Review Journal Covering the Entire Field of Geosciences and Related Areas. [Amsterdam]: Springer Nature, 2008, Roč. 29, č. 3, [tlačená forma] [online]. ISSN 0169-3298. ISSN (online) 1573-0956. - SCIE ; SCO ; WOS CC, 187 - 220

2008 [1/12] / GBR - Fichtner, A., Igel, H. Efficient numerical surface wave propagation through the optimization of discrete crustal models-a technique based on non-linear dispersion curve matching (DCM) [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2008, Roč. 173, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 519 - 533

2008 [1/12] / GBR - Kaser, M., Hermann, V., de la Puente, J. Quantitative accuracy analysis of the discontinuous Galerkin method for seismic wave propagation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2008, Roč. 173, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 990 - 999

2010 [1/12] / GBR - Pelties, C., Kaser, M., Hermann, V., Castro, C. E. Regular versus irregular meshing for complicated models and their effect on synthetic seismograms [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2010, Roč. 183, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1031 - 1051

2011 [1/12] / neurčené - Fichtner, A. Full seismic waveform modelling and inversion : Advances in Geophysical and Environmental Mechanics and Mathematics [textový dokument (print)] . Berlin: Springer, 2011. 1 vyd. - BKCI-S ; WOS CC, 1

2009 [1/12] / USA - Pei, Z. L., Fu, L. Y., Yu, G. X., Zhang, L. X. A wavelet-optimized adaptive grid method for finite-difference simulation of wave propagation [elektronický dokument] In: Bulletin of the Seismological Society of America. EICerrito: Seismological Society of America, 2009, Roč. 99, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 302 - 313

2008 [1/12] / GBR - Fichtner, A., Kennett, B. L. N., Igel, H., Bunge, H. P. Theoretical background for continental- and global-scale full-waveform inversion in the time-frequency domain [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2008, Roč. 175, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 665 - 685

2008 [1/12] / GBR - Miksat, J., Muller, T. M., Wenzel, F. Simulating three-dimensional seismograms in 2.5-dimensional structures by combining two-dimensional finite difference modelling and ray tracing [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2008, Roč. 174, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 309 - 315

2008 [1/12] / neurčené - Perez-Ruiz, J. A., Luzon, F., Sanchez-Sesma, F. J. Retrieval of elastic green's tensor near a cylindrical inhomogeneity from vector correlations [elektronický dokument] In:

Communications in Computational Physics, 2008, Roč. 3, č. 1, [tlačená forma]. ISSN 1815-2406. ISSN (online) 1991-7120. - SCIE ; SCO ; WOS CC, 250 - 270

2008 [1/12] / NLD - Santoyo, M. A., Luzon, F. Stress relations in three recent seismic series in the Murcia region, Southeastern Spain In: Tectonophysics: The International Journal of Integrated Solid Earth Sciences. Amsterdam: Elsevier, 2008, Roč. 457, č. 1-2, [tlačená forma] [online]. ISSN 0040-1951. - SCIE ; SCO ; WOS CC, 86 - 95

2008 [1/12] / neurčené - Tian, R., Zhang, G. Analysis of the wave field characteristics in random medium based on time-frequency error analysis In: Xi'an Shiyou Daxue Xuebao (Ziran Kexue Ban)/Journal of Xi'an Shiyou University, Natural Sciences Edition, 2008, Roč. 23, č. 6. - SCO, 29 - 32

2009 [1/12] / GBR - Luzon, F., Sanchez-Sesma, F. J., Perez-Ruiz, J. A., Ramirez-Guman, L., Pech, A. In-plane seismic response of inhomogeneous alluvial valleys with vertical gradients of velocities and constant Poisson ratio [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2009, Roč. 29, č. 6, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 994 - 1004

2009 [1/12] / NLD - Stabile, T. A., De Matteis, R., Zollo, A. Method for rapid high-frequency seismogram calculation [elektronický dokument] In: Computers & Geosciences. Amsterdam: Elsevier, 2009, Roč. 35, č. 2, [tlačená forma] [online]. ISSN 0098-3004. ISSN (online) 1873-7803. - SCIE ; SCO ; WOS CC, 409 - 418

2010 [1/12] / GBR - Castro, C. E., Kaser, M., Brietzke, G. B. Seismic waves in heterogeneous material: subcell resolution of the discontinuous Galerkin method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2010, Roč. 182, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 250 - 264

2010 [1/12] / GBR - Chen, P., Jordan, T. H. - Lee, E. J. Perturbation kernels for generalized seismological data functionals (GSDF) [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2010, Roč. 183, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 869 - 883

2010 [1/12] / USA - Olsen, K. B., Mayhew, J. E. Goodness-of-fit Criteria for Broadband Synthetic Seismograms, with Application to the 2008 M-W 5.4 Chino Hills, California, Earthquake [elektronický dokument] In: Seismological Research Letters. Albany: Seismological Society of America, 2010, Roč. 81, č. 5, [tlačená forma] [online]. ISSN 0895-0695. ISSN (online) 1938-2057. - SCIE ; SCO ; WOS CC, 715 - 723

2011 [1/12] / USA - Hartzell, S., Frankel, A., Liu, P., Zeng, Y., Rahman, S. Model and parametric uncertainty in source-based kinematic models of earthquake ground motion [elektronický dokument] In: Bulletin of the Seismological Society of America. EICerrito: Seismological Society of America, 2011, Roč. 101, č. 5, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2431 - 2452

2011 [1/12] / neurčené - He, Y., Gao, J., Ma, Y., Wang, X., Wang, W., Wang, B. Comparison of the DG finite element method with finite difference method for elastic-elastic interface In: International Geoscience and Remote Sensing Symposium (IGARSS). New York: Institute of Electrical and Electronics Engineers, 2011. - CPCI-S ; SCO ; WOS CC, 2212 - 2215

2015 [1/12] / USA - Gao, L., Brossier, R., Pajot, B., Tago, J., Virieux, J. An immersed free-surface boundary treatment for seismic wave simulation [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2015, Roč. 80, č. 5, 193- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2015 [1/12] / USA - Sun, W., Zhou, B., Fu, L. Y. A staggered-grid convolutional differentiator for elastic wave modelling [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2015, Roč. 301, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 59 - 76

2012 [1/12] / GBR - Zhang, W., Zhang, Z., Chen, X. Three-dimensional elastic wave numerical modelling in the presence of surface topography by a collocated-grid finite-difference method on curvilinear grids [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2012,

Roč. 190, č. 1, [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 358 - 378

2016 [1/12] / DEU - Perez Solano, C. A., Donno, D., Chauris, H. Finite-difference strategy for elastic wave modelling on curved staggered grids [elektronický dokument] In: Computational Geosciences: Modeling, Simulation and Data Analysis. Berlín: Springer Nature. Springer International Publishing AG, 2016, Roč. 20, č. 1, [tlačaná forma] [online]. ISSN 1420-0597. ISSN (online) 1573-1499. - SCIE ; SCO ; WOS CC, 245 - 264

2012 [1/12] / USA - Skarlatoudis, A. A., Papazachos, C. B., Theodoulidis, N. Site-response study of Thessaloniki (Northern Greece) for the 4 July 1978 M 5.1 aftershock of the June 1978 M 6.5 sequence using a 3D finite-difference approach [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2012, Roč. 102, č. 2, [tlačaná forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 722 - 737

2012 [1/12] / GBR - Zhang, W., Shen, Y., Zhao, L. Three-dimensional anisotropic seismic wave modelling in spherical coordinates by a collocated-grid finite-difference method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2012, Roč. 188, č. 3, [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1359 - 1381

2014 [1/12] / USA - De la Puente, J., Ferrer, M., Hanzich, M., Castillo, J. E., Cela, J. M. Mimetic seismic wave modeling including topography on deformed staggered grids [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2014, Roč. 79, č. 3, 125- [tlačaná forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2014 [1/12] / GBR - Liu, Y. Optimal staggered-grid finite-difference schemes based on least-squares for wave equation modelling [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2014, Roč. 197, č. 2, [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1033 - 1047

2013 [1/12] / neurčené - Wenk, S., Pelties, C., Igel, H., Kaeser, M. Regional wave propagation using the discontinuous Galerkin method [elektronický dokument] In: Solid Earth: an Interactive Open-access Journal of the European Geosciences Union, 2013, Roč. 4, č. 1, [tlačaná forma]. ISSN 1869-9510. ISSN (online) 1869-9529. - SCIE ; SCO ; WOS CC, 43 - 57

2015 [1/12] / neurčené - Ferrer, M., de la Puente, J., Farres, A., Castillo, J. E. 3D viscoelastic anisotropic seismic modeling with high-order mimetic finite differences In: Spectral and High Order Methods for Partial Differential Equations : Lecture Notes in Computational Science and Engineering. Berlin: Springer, 2015. - CPCI-S ; SCO ; WOS CC, 217 - 225

2016 [1/12] / GBR - Fan, N., Zhao, L. F., Xie, X. B., Ge, Z., Yao, Z. X. Two-dimensional time-domain finite-difference modeling for viscoelastic seismic wave propagation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 206, č. 3, [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1539 - 1551

2014 [1/12] / USA - Balasco, M., Lapenna, V., Romano, G., Siniscalchi, A., Stabile, T. A., Telesca, L. Electric and magnetic field changes observed during a seismic swarm in Pollino Area (Southern Italy) [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2014, Roč. 104, č. 3, [tlačaná forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1289 - 1298

2013 [1/12] / GBR - Long, G., Zhao, Y., Zou, J. A temporal fourth-order scheme for the first-order acoustic wave equations [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2013, Roč. 194, č. 3, [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1473 - 1485

2015 [1/12] / GBR - He, X., Yang, D., Wu, H. A weighted Runge-Kutta discontinuous Galerkin method for wavefield modelling [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2015, Roč. 200, č. 3, [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1389 - 1410

2012 [1/12] / USA - Nakamura, T., Takenaka, H., Okamoto, T., Kaneda, Y. FDM simulation of

seismic-wave propagation for an aftershock of the 2009 Suruga bay earthquake: Effects of ocean-bottom topography and seawater layer [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2012, Roč. 102, č. 6, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2420 - 2435

2013 [1/12] / USA - Balde, Q. P. E., Ichimura, T., Hori, M., Nishida, A., Yoshimura, S. Seismic structural response Estimates of a fault-structure system model with fine resolution using multiscale analysis with parallel simulation of seismic-wave propagation [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2013, Roč. 103, č. 3, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2094 - 2110

2014 [1/12] / neurčené - Ichimura, T., Fujita, K., Hori, M., Sakanoue, T., Hamanaka, R. Three-dimensional nonlinear seismic ground response analysis of local site effects for estimating seismic behavior of buried pipelines In: Journal of Pressure Vessel Technology, Transactions of the ASME, 2014, Roč. 136, č. 4. - SCIE ; SCO ; WOS CC, Art. No. 041702

2015 [1/12] / GBR - De Basabe, J. D., Sen, M. K. A comparison of finite-difference and spectral-element methods for elastic wave propagation in media with a fluid-solid interface [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2015, Roč. 200, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 278 - 298

2016 [1/12] / GBR - Gao, L., Brossier, R., Virieux, J. Using time filtering to control the long-time instability in seismic wave simulation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 204, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1443 - 1461

2013 [1/12] / GBR - Fichtner, A., Trampert, J., Cupillard, P., Saygin, E., Taymaz, T., Capdeville, Y., Villasenor, A. Multiscale full waveform inversion [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2013, Roč. 194, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 534 - 556

2011 [1/12] / USA - Ichimura, T., Hori, M., Wijerathne, M. L. L. Linear finite elements with orthogonal discontinuous basis functions for explicit earthquake ground motion modeling [elektronický dokument] In: International Journal for Numerical Methods in Engineering. [s.l.]: John Wiley & Sons, 2011, Roč. 86, č. 3, [tlačená forma] [online]. ISSN 0029-5981. ISSN (online) 1097-0207. - SCIE ; SCO ; WOS CC, 286 - 300

2013 [1/12] / GBR - Jafargandomi, A., Curtis, A. Assessing the seismic AVA detectability of CO2 storage sites using novel time-lapse attributes [elektronický dokument] In: Petroleum geoscience. Avon: Geological Society Publishing House, 2013, Roč. 19, č. 4, [tlačená forma] [online]. ISSN 1354-0793. ISSN (online) 2041-496X. - SCIE ; SCO ; WOS CC, 357 - 374

2013 [1/12] / GBR - Lee, E. J., Chen, P. Automating seismic waveform analysis for full 3-D waveform inversions [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2013, Roč. 194, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 572 - 589

2013 [1/12] / USA - Mazzieri, I., Stupazzini, M., Guidotti, R., Smerzini, C. SPEED: SPectral elements in elastodynamics with discontinuous galerkin: A non-conforming approach for 3d multi-scale problems [elektronický dokument] In: International Journal for Numerical Methods in Engineering. [s.l.]: John Wiley & Sons, 2013, Roč. 95, č. 12, [tlačená forma] [online]. ISSN 0029-5981. ISSN (online) 1097-0207. - SCIE ; SCO ; WOS CC, 991 - 1010

2013 [1/12] / USA - Quinay, P. E. B., Ichimura, T., Hori, M., Nishida, A., Yoshimura, S. Seismic structural response estimates of a fault-structure system model with fine resolution using multiscale analysis with parallel simulation of seismic-wave propagation [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2013, Roč. 103, č. 3, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; WOS CC, 2094 - 2110

2014 [1/12] / USA - Baumann, C., Dalguer, L. A. Evaluating the compatibility of dynamic rupture-based synthetic ground motion with empirical ground-motion prediction equation [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2014, Roč. 104, č. 2, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 634 - 652

- 2014 [1/12] / USA** - Burks, L. S., Baker, J. W. Validation of ground-motion simulations through simple proxies for the response of engineered systems [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2014, Roč. 104, č. 4, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1930 - 1946
- 2014 [1/12] / neurčené** - Mu, D., Lee, E., Chen, P. Applications of full-wave seismic data assimilation (FWSDA) In: Seismic Imaging, Fault Damage and Heal, 2014, 2014. - SCO, 15 - 72
- 2014 [1/12] / neurčené** - Pei, S., van De Lindt, J. W., Hartzell, S., Luco, N. Variability in wood-frame building damage using broad-band synthetic ground motions: A comparative numerical study with recorded motions In: Journal of Earthquake Engineering, 2014, Roč. 18, č. 3. - SCIE ; SCO ; WOS CC, 389 - 406
- 2015 [1/12] / USA** - Barell, M., Harris, R. A. Metrics for Comparing Dynamic Earthquake Rupture Simulations [elektronický dokument] In: Seismological Research Letters. Albany: Seismological Society of America, 2015, Roč. 86, č. 1, [tlačená forma] [online]. ISSN 0895-0695. ISSN (online) 1938-2057. - SCIE ; SCO ; WOS CC, 223 - 235
- 2015 [1/12] / USA** - Rezaeian, S., Zhong, P., Hartzell, S., Zareian, F. Validation of simulated earthquake ground motions based on evolution of intensity and frequency content [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2015, Roč. 105, č. 6, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 3036 - 3049
- 2016 [1/12] / GBR** - Bozdag, E., Peter, D., Lefebvre, M., Komatitsch, D., Tromp, J., Hill, J., Podhorszki, N., Pugmire, D. Global adjoint tomography: first-generation model [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 207, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1739 - 1766
- 2021 [1/12] / GBR** - Jiang, L., Zhang, Wei. TTI equivalent medium parametrization method for the seismic waveform modelling of heterogeneous media with coarse grids [elektronický dokument]. DOI 10.1093/gji/ggab310 In: Geophysical Journal International. Oxford: Oxford University Press, 2021, Roč. 227, č. 3, s. 2016-2043 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; SCIE ; CCC, 2016 - 2043
- 2016 [1/12] / USA** - Yang, G., Chen, Y., Song, G., Yang, Y., Luo, C., Jin, J., Li, S. An NAD scheme with wavenumber error optimized for 2D scalar wave equation [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2016, Roč. 106, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 189 - 203
- 2017 [1/12] / neurčené** - Igel, H. Computational Seismology: A Practical Introduction. BKCI-S Book Citation Index - Science N/A In: Computational Seismology: A Practical Introduction. New York: Oxford Univ Press, 2017. - WOS CC, 1 - 323
- 2017 [1/12] / CZE** - Yan, H. Y., Yang, L. Seismic modeling with an optimal staggered-grid finite-difference scheme based on combining Taylor-series expansion and minimax approximation [elektronický dokument] In: Studia Geophysica et Geodaetica: a journal of geophysics, meteorology and climatology, geodesy. Praha: Akademie věd České republiky. Geofyzikální ústav AV ČR, 2017, Roč. 61, č. 3, [tlačená forma] [online]. ISSN 0039-3169. ISSN (online) 1573-1626. - SCIE ; WOS CC, 560 - 574
- 2018 [1/12] / USA** - Li, Q.L., Jia, X.F. A generalized average-derivative optimal finite-difference scheme for 2D frequency-domain acoustic-wave modeling on continuous nonuniform grids [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2018, Roč. 83, č. 5, 265- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC
- 2020 [1/12] / USA** - Spa, C., Rojas, O., de la Puente, J. Comparison of expansion-based explicit time-integration schemes for acoustic wave propagation [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2020, Roč. 85, č. 3, 165- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2021 [1/12] / GBR - Tchawo, F. N., Gelis, C., Bonilla, L. F., Lopez-Caballero, F. Effects of 2-D random velocity perturbations on 2-D SH short-period ground motion simulations in the basin of Nice, France [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2021, Roč. 226, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 847 - 861

2021 [1/12] / CHE - Yang, S.-B., Zhou, B., Bai, C.-Y. A Generalized 2.5-D Time-Domain Seismic Wave Equation to Accommodate Various Elastic Media and Boundary Conditions [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2021, Roč. 178, č. 8, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 2999 - 3025

2022 [1/20] / GBR - Koene, E. F. M., Wittsten, J., Robertsson, J. O. A. Finite-difference modelling of 2-D wave propagation in the vicinity of dipping interfaces: a comparison of anti-aliasing and equivalent medium approaches [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2022, Roč. 229, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 70 - 96

2017 [1/12] / neurčené - Breuer, A., Heinecke, A., Cui, Y. EDGE: Extreme Scale Fused Seismic Simulations with the Discontinuous Galerkin Method In: High Performance Computing (Isc High Performance 2017) : Lecture Notes in Computer Science. Cham: Springer International Publishing Ag, 2017. - CPCIS ; SCO ; WOS CC, 41 - 60

2017 [1/12] / GBR - Sun, Y. C., Zhang, W., Xu, J. K., Chen, X. Numerical simulation of 2-D seismic wave propagation in the presence of a topographic fluid-solid interface at the sea bottom by the curvilinear grid finite-difference method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 210, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1721 - 1738

2018 [1/12] / USA - Sun, Y. C., Zhang, W., Chen, X. 3D Seismic Wavefield Modeling in Generally Anisotropic Media with a Topographic Free Surface by the Curvilinear Grid Finite-Difference Method [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2018, Roč. 108, č. 3, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1287 - 1301

2019 [1/12] / USA - Phuong-Thu, T., Brossier, R., Metivier, L., Tavad, L., Virieux, J. Efficient time-domain 3D elastic and viscoelastic full-waveform inversion using a spectral-element method on flexible Cartesian-based mesh [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2019, Roč. 84, č. 1, 61- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC

2016 [1/12] / neurčené - Plonka, A., Blom, N., Fichtner, A. The imprint of crustal density heterogeneities on regional seismic wave propagation [elektronický dokument] In: Solid Earth: an Interactive Open-access Journal of the European Geosciences Union, 2016, Roč. 7, č. 6, [tlačená forma]. ISSN 1869-9510. ISSN (online) 1869-9529. - SCIE ; SCO ; WOS CC, 1591 - 1608

2016 [1/12] / GBR - Taborda, R., Azizzadeh-Roodpish, S., Khoshnevis, N., Cheng, K. Evaluation of the southern California seismic velocity models through simulation of recorded events [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 205, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1342 - 1364

2017 [1/12] / USA - Watanabe, K., Pisano, F., Jeremic, B. Discretization effects in the finite element simulation of seismic waves in elastic and elastic-plastic media [elektronický dokument] In: Engineering with computers. New York: Springer Nature. Springer Verlag, 2017, Roč. 33, č. 3, [tlačená forma] [online]. ISSN 0177-0667. ISSN (online) 1435-5663. - SCIE ; WOS CC, 519 - 545

2018 [1/12] / USA - Khoshnevis, N., Taborda, R. Prioritizing Ground-Motion Validation Metrics Using Semisupervised and Supervised Learning [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2018, Roč. 108, č. 4, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; WOS CC, 2248 - 2264

2018 [1/12] / USA - Tavelli, M., Dumbser, M. Arbitrary high order accurate space-time discontinuous

Galerkin finite element schemes on staggered unstructured meshes for linear elasticity [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2018, Roč. 366, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; WOS CC, 386 - 414

2019 [1/12] / GBR - Sun, Y. C., Ren, H., Zheng, X. Z., Li, N., Zhang, W., Huang, Q., Chen, X. 2-D poroelastic wave modelling with a topographic free surface by the curvilinear grid finite-difference method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 218, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1961 - 1982

2019 [1/12] / USA - Tavelli, M., Dumbser, M., Charrier, D. E., Rannabauer, L., Weinzierl, T., Bader, M. A simple diffuse interface approach on adaptive Cartesian grids for the linear elastic wave equations with complex topography [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2019, Roč. 386, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 158 - 189

2019 [1/12] / neurčené - Wang, N., Li, J., Borisov, D., Gharti, H. N., Shen, Y., Zhang, W., Savage, B. Modeling Three-Dimensional Wave Propagation in Anelastic Models With Surface Topography by the Optimal Strong Stability Preserving Runge-Kutta Method In: Journal of Geophysical Research-Solid Earth, 2019, Roč. 124, č. 1. - SCIE ; SCO ; WOS CC, 890 - 907

2019 [1/12] / neurčené - Sinambela, M., Situmorang, M., Tarigan, K., Humaidi, S., Sebayang, K. Classification of Nuclear Explosion Earthquake Signal based on Machine Learning Approach In: 2nd International Conference of Computer Science and Information Technology (ICoSNKOM 2019). Piscataway: Institute of Electrical and Electronics Engineers, 2019. - SCO, Art. No. 9111479

2020 [1/12] / DEU - Duru, K., Rannabauer, L., Gabriel, A. A., Kreiss, G., Bader, M. A stable discontinuous Galerkin method for the perfectly matched layer for elastodynamics in first order form [elektronický dokument] In: Numerische Mathematik. Berlin: Springer Nature. Springer International Publishing AG, 2020, Roč. 146, č. 4, [tlačená forma] [online]. ISSN 0029-599X. ISSN (online) 0945-3245. - SCIE ; SCO ; WOS CC, 729 - 782

2020 [1/12] / GBR - Rodriguez-Perez, Q., Ramon Zuniga, F., Marquez-Ramirez, V. H., Corbo-Camargo, F. Seismoelectromagnetic effects associated with the 2017 February 15 Veracruz earthquake (M-w=4.8) [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2020, Roč. 222, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1405 - 1422

2020 [1/12] / neurčené - Sinambela, M., Tarigan, K., Humaidi, S., Situmorang, M. Classification of seismic signal by evaluating broadband networks station in sumatera fore-arc In: International Conference on Science and Technology Applications 2019 (ICoSTA 2019) : Journal of Physics: Conference Series. [Bristol]: Institute of Physics Publishing, 2020. - SCO, Art. No. 012054

2021 [1/12] / USA - Sun, Y.-C., Zhang, W., Ren, H., Bao, X., Xu, J.-K., Sun, N., Yang, Z., Chen, X. 3d seismic-wave modeling with a topographic fluid–solid interface at the sea bottom by the curvilinear-grid finite-difference method [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2021, Roč. 111, č. 5, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2753 - 2779

2021 [1/12] / USA - Castro-Cruz, D., Gatti, F., Lopez-Caballero, F. High-fidelity broadband prediction of regional seismic response: a hybrid coupling of physics-based synthetic simulation and empirical Green functions [elektronický dokument] In: Natural Hazards. New York: Springer Nature. Springer, 2021, Roč. 108, č. 2, [tlačená forma] [online]. ISSN 0921-030X. ISSN (online) 1573-0840. - SCO, 1997 - 2031

2021 [1/12] / GBR - Rodríguez-Pérez, Q., Ramón Zúniga, F., Márquez-Ramírez, V. H., Corbo-Camargo, F. Seismoelectromagnetic effects associated with the 2017 February 15 Veracruz earthquake (Mw = 4.8) [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2021, Roč. 222, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO, 1405 - 1422

2021 [1/20] / CHN - Xiao, W.-J., Zhao, N., Li, X.-J., Zhao, G., Liu, Q., Qu, L., Luo, J.-J. Test Analysis of the Shockproof Reinforcement of Seismometers in Earthquake Observation Station Standardization In: Earthquake. Peking: Science press, 2021, Roč. 41, č. 4, [tlačená forma]. ISSN 1000-3274. - SCIE ; SCO ; WOS CC, 158 - 167

- 2022 [1/20] / USA** - Duru, K., Fung, F., Williams, C. Dual-pairing summation by parts finite difference methods for large scale elastic wave simulations in 3D complex geometries [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2022, č. 454, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, art. no. 110966
- 2022 [1/20] / USA** - Gan, H., Pan, X., Tang, K., Hu, N., Zhang, W. EWR-Net: Earthquake Waveform Regularization Network for Irregular Station Data Based on Deep Generative Model and ResNet [elektronický dokument] In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2022, Roč. 127, č. 10, [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chybné) 0148-0227. - SCIE ; SCO ; WOS CC, art. no. e2022JB024122
- 2022 [1/20] / NLD** - Duru, K., Rannabauer, L., Gabriel, A.-A., Ling, O. K. A., Igel, H., Bader, M. A stable discontinuous Galerkin method for linear elastodynamics in 3D geometrically complex elastic solids using physics based numerical fluxes [elektronický dokument] In: Computer Methods in Applied Mechanics and Engineering. Amsterdam: Elsevier, 2022, č. 389, [tlačená forma] [online]. ISSN 0045-7825. ISSN (online) 1879-2138. - SCO, art. no. 114386
- 2023 [1/20] / USA** - Zhang, H., Sun, Y.-C., Ren, H., Zhang, W., Huang, Q., Chen, X. Discontinuous curvilinear collocated grid combined with nonuniform time step Runge-Kutta scheme for poroelastic finite-difference modeling [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2023, Roč. 88, č. 1, 1- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC
- 2023 [1/20] / GBR** - Sreejaya, K. P., Raghukanth, S. T. G., Srinagesh, D. Seismic wave propagation simulations in Indo-Gangetic basin using spectral element method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 232, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 247 - 273
- 2017 [1/12] / GBR** - Fichtner, A., Stehly, L., Ermert, L., Boehm, C. Generalized interferometry - I: theory for interstation correlations [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 208, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 603 - 638
- 2017 [1/12] / USA** - Mittet, R. On the internal interfaces in finite-difference schemes [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2017, Roč. 82, č. 4, 159- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC
- 2021 [1/20] / USA** - Zang, N., Zhang, W., Chen, X. An overset-grid finite-difference algorithm for simulating elastic wave propagation in media with complex free-surface topography [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2021, Roč. 86, č. 4, 277- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC
- 2016 [1/12] / neurčené** - Stähler, S., Sigloch, K. Fully probabilistic seismic source inversion - Part 2: Modelling errors and station covariances [elektronický dokument] In: Solid Earth: an Interactive Open-access Journal of the European Geosciences Union, 2016, Roč. 7, č. 6, [tlačená forma]. ISSN 1869-9510. ISSN (online) 1869-9529. - SCIE ; SCO ; WOS CC, 1521 - 1536
- 2016 [1/12] / neurčené** - Yilmaz, T. I., Duschl, F., Di Genova, D. Feathery and network-like filamentous textures as indicators for the re-crystallization of quartz from a metastable silica precursor at the Rusey Fault Zone, Cornwall, UK [elektronický dokument] In: Solid Earth: an Interactive Open-access Journal of the European Geosciences Union, 2016, Roč. 7, č. 6, [tlačená forma]. ISSN 1869-9510. ISSN (online) 1869-9529. - SCIE ; WOS CC, 1509 - 1536
- 2017 [1/12] / USA** - Gualtieri, L., Ekstrom, G. Seismic reconstruction of the 2012 Palisades rockfall using the analytical solution to Lamb's problem [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2017, Roč. 107, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 63 - 71
- 2017 [1/12] / GBR** - Oral, E., Gelis, C., Bonilla, L. F., Delavaud, E. Spectral element modelling of seismic wave propagation in visco-elastoplastic media including excess-pore pressure development [elektronický

dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 211, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1494 - 1508

2017 [1/12] / USA - Yelkenci-Necmioglu, S., Aktar, M. Development and Validation of a 3D Seismic-Velocity Model for the Crust in Eastern Marmara [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2017, Roč. 107, č. 6, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2994 - 3003

2018 [1/12] / GBR - Liu, Q., Yu, Y., Yin, D., Zhang, X. Simulations of strong motion in the Weihe basin during the Wenchuan earthquake by spectral element method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2018, Roč. 215, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 978 - 995

2019 [1/12] / neurčené - Karimzadeh, S. Seismological and Engineering Demand Misfits for Evaluating Simulated Ground Motion Records In: Applied Sciences-Basel, 2019, Roč. 9, č. 21. - SCIE ; SCO ; WOS CC, Art. No. 4497

2019 [1/12] / GBR - Zhao, Y., Liu, T., Tang, G., Zhang, H., Sengupta, M. Virtual-source imaging and repeatability for complex near surface [elektronický dokument] In: Scientific reports. Londýn: Springer Nature. Nature Publishing Group, 2019, Roč. 9, [online]. ISSN (online) 2045-2322. - SCIE ; SCO ; WOS CC, Art. No. 16656

2020 [1/12] / USA - F. Antonietti, P., Bonaldi, F., Mazzieri, I. Simulation of three-dimensional elastoacoustic wave propagation based on a Discontinuous Galerkin spectral element method [elektronický dokument] In: International Journal for Numerical Methods in Engineering. [s.l.]: John Wiley & Sons, 2020, Roč. 121, č. 10, [tlačená forma] [online]. ISSN 0029-5981. ISSN (online) 1097-0207. - SCIE ; SCO ; WOS CC, 2206 - 2226

2020 [1/12] / GBR - Mao, S., Mordret, A., Campillo, M., Fang, H., van der Hilst, R. D. On the measurement of seismic traveltimes changes in the time-frequency domain with wavelet cross-spectrum analysis [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2020, Roč. 221, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 550 - 568

2020 [1/12] / GBR - Orsvuran, R., Bozdog, E., Modrak, R., Lei, W., Ruan, Y. Double-difference measurements in global full-waveform inversions [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2020, Roč. 220, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 661 - 680

2020 [1/12] / USA - Saad, O. M., Chen, Y. Automatic waveform-based source-location imaging using deep learning extracted microseismic signals [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2020, Roč. 85, č. 6, [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC

2020 [1/12] / CHE - van Ede, M. C., Molinari, I., Imperatori, W., Kissling, E., Baron, J., Morelli, A. Hybrid Broadband Seismograms for Seismic Shaking Scenarios: An Application to the Po Plain Sedimentary Basin (Northern Italy) [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2020, Roč. 177, č. 5, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 2181 - 2198

2020 [1/12] / GBR - Yuan, Y. O., Bozdog, E., Ciardelli, C., Gao, F., Simons, F. J. The exponentiated phase measurement, and objective-function hybridization for adjoint waveform tomography [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2020, Roč. 221, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1145 - 1164

2021 [1/12] / neurčené - Saad, O. M., Huang, G., Chen, Y., Savvaidis, A., Fomel, S., Pham, N., Chen, Y. SCALODEEP: A Highly Generalized Deep Learning Framework for Real-Time Earthquake Detection In: Journal of Geophysical Research: Solid Earth, 2021, Roč. 126, č. 4. - SCIE ; SCO ; WOS CC, Art. No. e2020JB021473

2022 [1/20] / USA - Munjy, H., Habchi, R., Zareian, F. Validation of Simulated Earthquake Ground Motions for Displacement Response of Building and Bridge Structures Based on Intensity and Frequency Content Parameters [elektronický dokument] In: Journal of Structural Engineering. Reston, Virginia: The American Society of Civil Engineers, 2022, Roč. 148, č. 1, [tlačená forma]. ISSN 0733-9445. ISSN (online) 1943-541X. - SCIE ; SCO ; WOS CC, art. no. 04021240

2022 [1/20] / USA - Bishop, J. W., Fee, D., Modrak, R., Tape, C., Kim, K. Spectral Element Modeling of Acoustic to Seismic Coupling Over Topography [elektronický dokument] In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2022, Roč. 127, č. 1, [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chybné) 0148-0227. - SCIE ; SCO ; WOS CC, art. no. e2021JB023142

2022 [1/20] / USA - Wehner, D., Blom, N., Rawlinson, N., Daryono, Bohm, C., Miller, M. S., Supendi, P., Widiyantoro, S. SASSY21: A 3-D Seismic Structural Model of the Lithosphere and Underlying Mantle Beneath Southeast Asia From Multi-Scale Adjoint Waveform Tomography [elektronický dokument] In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2022, Roč. 127, č. 3, [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chybné) 0148-0227. - SCIE ; SCO ; WOS CC, art. no. e2021JB022930

2022 [1/20] / CHE - Kasdi, A. S., Bouzid, A., Hamoudi, M. Electromagnetic Signal Associated with Seismic Waves: Case Study in the North Central Algeria Area [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2022, Roč. 179, č. 5, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 1965 - 1979

2022 [1/20] / USA - Nicollier, T., Antoniazza, G., Rickenmann, D., Hartlieb, A., Kirchner, J. W. Improving the Calibration of the Swiss Plate Geophone Bedload Monitoring System by Filtering Out Seismic Signals From Extraneous Particle Impacts [elektronický dokument] In: Earth and Space Science. Washington: John Wiley & Sons. American Geophysical Union, 2022, Roč. 9, č. 5. ISSN (online) 2333-5084. - SCIE ; SCO ; WOS CC, art. no. e2021EA001962

2022 [1/20] / USA - Florez, M. A., Caporale, M., Buabthong, P., Ross, Z. E., Asimaki, D., Meier, M.-A. Data-Driven Synthesis of Broadband Earthquake Ground Motions Using Artificial Intelligence [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2022, Roč. 112, č. 4, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1979 - 1996

2022 [1/20] / USA - Ma, J., Bunge, H.-P., Thrastarson, S., Fichtner, A., van Herwaarden, D.-P., Tian, Y., Chang, S.-J., Liu, T. Seismic Full-Waveform Inversion of the Crust-Mantle Structure Beneath China and Adjacent Regions [elektronický dokument] In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2022, Roč. 127, č. 9, [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chybné) 0148-0227. - SCIE ; SCO ; WOS CC, art. no. e2022JB024957

2022 [1/20] / DEU - Li, Z., Leng, K., Jenkins, J., Cottar, S. Kilometer-scale structure on the core-mantle boundary near Hawaii [elektronický dokument] In: Nature Communications. London: Springer Nature. Nature Publishing Group, 2022, Roč. 13, č. 1, [online]. ISSN (online) 2041-1723. - SCIE ; SCO ; WOS CC, art. no. 2787

2022 [1/20] / GBR - Caudron, C., Vandemeulebrouck, J., Sohn, R. A. Turbulence-induced bubble nucleation in hydrothermal fluids beneath Yellowstone Lake [elektronický dokument] In: Communications Earth and Environment. Londýn: Springer Nature, 2022, Roč. 3, č. 1, [online]. ISSN (online) 2662-4435. - SCIE ; SCO ; WOS CC, art. no. 103

2022 [1/20] / CHN - Chen, C., Wang, Y., Guo, G., Cao, Y., Li, S., Zhang, D., Jian, Y., Wang, C. Deep underground observation comparison of rotational seismometers In: Diqui wuli xuebao. Peking: Science press, 2022, Roč. 65, č. 12, [tlačená forma]. ISSN 0001-5733. - SCIE ; SCO ; WOS CC, 4569 - 4582

2023 [1/20] / GBR - Zheng, M., Xu, T., Lu, Q., Lin, J., Huang, M., Bai, Z., Deng, Y., Zhang, Y., Badal, J. Upper crustal structure beneath the Qin-Hang and Wuyishan metallogenic belts in Southeast China as revealed by a joint active and passive seismic experiment [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 232, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 190 - 200

2023 [1/20] / DEU - Hu, G., Li, L., Ren, Z., Zhang, K. The characteristics of the 2022 Tonga volcanic tsunami in the Pacific Ocean [elektronický dokument] In: Natural Hazards and Earth System Sciences. Mníchov: European Geosciences Union, 2023, Roč. 23, č. 2, [tlačená forma] [online]. ISSN 1561-8633. ISSN (online) 1684-9981. - SCIE ; SCO ; WOS CC, 675 - 691

2022 [1/20] / USA - Wang, Ning, Xing, Guangchi, Zhu, Tiejuan, Zhou, Hui, Shi, Ying. Propagating Seismic Waves in VTI Attenuating Media Using Fractional Viscoelastic Wave Equation [elektronický dokument]. DOI 10.1029/2021JB023280 In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2022, Roč. 127, č. 4, art. no. e2021JB023280 [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chybné) 0148-0227. - SCO ; WOS CC ; CCC ; SCIE, art. no. e2021JB023280

2023 [1/20] / GBR - Masson, Yder. Distributional finite-difference modelling of seismic waves [elektronický dokument]. DOI 10.1093/gji/ggac306 In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 233, č. 1, s. 264-296 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 264 - 296

2023 [1/20] / GBR - Wang, W., Zhang, Z., Zhang, W., Liu, Q. Implementation of efficient low-storage techniques for 3-D seismic simulation using the curved grid finite-difference method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 234, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 2214 - 2230

2022 [1/20] / USA - Rodgers, A., Krischer, L., Afanasiev, M., Boehm, C., Doody, C., Chiang, A., Simmons, N. WUS256: An Adjoint Waveform Tomography Model of the Crust and Upper Mantle of the Western United States for Improved Waveform Simulations [elektronický dokument] In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2022, Roč. 127, č. 7, [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chybné) 0148-0227. - SCIE ; SCO ; WOS CC

2023 [1/20] / USA - Doody, C., Rodgers, A., Afanasiev, M., Boehm, C., Krischer, L., Chiang, A., Simmons, N. Comparing Adjoint Waveform Tomography Models of California Using Different Starting Models [elektronický dokument] In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2023, Roč. 128, č. 5, [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chybné) 0148-0227. - SCIE ; SCO ; WOS CC, art. no. e2023JB026463

2023 [1/20] / SGP - Su, C., Seriani, G. Poly-Grid Spectral Element Modeling for Wave Propagation in Complex Elastic Media [elektronický dokument]. DOI 10.1142/S2591728523500032 In: Journal of Theoretical and Computational Acoustics. Singapur: World Scientific Publishing, 2023, Roč. 31, č. 1, Art. no. 2350003, s. 2350003-1-2350003-36 [tlačená forma] [online]. ISSN 2591-7285. ISSN (online) 2591-7811. - SCIE ; SCO ; WOS CC ; CCC, art. no. 2350003 - 2350003-36

2022 [1/20] / USA - Zhang, C., Zhang, W. Efficient 2D acoustic wave finite-difference numerical simulation in strongly heterogeneous media using the adaptive mesh refinement technique [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2022, Roč. 87, č. 1, 29- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2023 [1/20] / GBR - Chen, S., Zhai, C., Liu, Q., Ji, D., Wen, W., Xie, L. Assessing the influence of nonlinear soil behaviour on site-city interaction [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2023, č. 171, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, art. no. 107973

2024 [1/20] / GBR - Jiang, Luqian, Zhang, Wei. Efficient implementation of equivalent medium parametrization in finite-difference seismic wave simulation methods [elektronický dokument]. DOI 10.1093/gji/ggae286 In: Geophysical Journal International. Oxford: Oxford University Press, 2024, Roč. 239, č. 1, s. 675-693 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; SCIE ; CCC, 675 - 693

2023 [1/20] / DEU - Spa, Carlos, Rojas, Otilio, de la Puente, Josep. Calibration of absorbing boundary layers for geoacoustic wave modeling in pseudo-spectral time-domain methods [elektronický dokument]. DOI 10.5194/gmd-16-7237-2023 In: Geoscientific Model Development. Gottingen: Copernicus Gesellschaft, 2023, Roč. 16, č. 24, s. 7237-7252 [tlačená forma] [online]. ISSN 1991-959X. ISSN (online) 1991-9603. - SCO ; WOS CC ; CCC ; SCIE, 7237 - 7252

2023 [1/20] / USA - Hailemichael, Salomon, Di Giulio, Giuseppe, Milana, Giuliano, Vassallo, Maurizio, Bordoni, Paola. From ambient vibration data analysis to 1D ground-motion prediction of the Mj 5.9 and the Mj 6.5 Kumamoto earthquakes in the Kumamoto alluvial plain, Japan [elektronický dokument]. DOI 10.1186/s40623-023-01848-x In: Earth, Planets and Space. New York: Springer Nature, 2023, Roč. 75, č. 1, art. no. 105 [tlačená forma] [online]. ISSN 1343-8832. ISSN (online) 1880-5981. - SCO ; WOS CC ; CCC ; SCIE, art. no. 105

2024 [1/20] / CHE - Liu, Qifang, Yu, Yanyan, Ding, Haiping. Long-Period Ground Motion Simulation of the 2008 Mw7.9 Wenchuan Earthquake Considering the Western Sichuan Basin [elektronický dokument]. DOI 10.1007/s40996-023-01141-7 In: Iranian Journal of Science and Technology - Transactions of Civil Engineering. Cham: Springer Nature. Springer, 2024, Roč. 48, č. 1, s. 169-183 [tlačená forma] [online]. ISSN 22286160. ISSN (online) 23641843. - SCO ; WOS CC ; SCIE, 169 - 183

2024 [1/20] / USA - Pan, Xiao, Hu, Nan, Zhang, Wei. Teleseismic Wavefield Rank Reduction-Based Reconstruction Method for Passive Source Converted Wave Reverse Time Migration Imaging [elektronický dokument]. DOI 10.1109/TGRS.2023.3334527 In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2024, Roč. 62, art. no. 5900409, s. 1-9 [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCO ; WOS CC ; CCC ; SCIE, art. no. 5900409 - 9

2023 [1/20] / USA - Doody, Claire, Rodgers, Arthur, Afanasiev, Michael, Boehm, Christian, Krischer, Lion, Chiang, Andrea, Simmons, Nathan. CANVAS [elektronický dokument]: An Adjoint Waveform Tomography Model of California and Nevada. DOI 10.1029/2023JB027583 In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2023, Roč. 128, č. 12, art. no. e2023JB027583 [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chybné) 0148-0227. - SCO ; WOS CC ; CCC ; SCIE, art. no. e2023JB027583

2024 [1/20] / NLD - Kamalinia, H., Barbarulo, A., Tie, B. A coupled acoustic/elastic discontinuous Galerkin finite element method: Application to ultrasonic imaging of 3D-printed synthetic materials. DOI 10.1016/j.compstruc.2023.107208 In: Computers & Structures: Solids • Structures • Fluids • Multiphysics. Amsterdam: Elsevier, 2024, Roč. 291, art. no. 107208 [tlačená forma]. ISSN 0045-7949. - SCO ; WOS CC ; CCC ; SCIE, art. no. 107208

2023 [1/20] / USA - Tsuno, Seiji, Nagashima, Fumiaki, Kawase, Hiroshi, Yamanaka, Hiroaki, Matsushima, Shinichi. Predicted results of weak and strong ground motions at the target site of the blind prediction exercise as steps-2 and-3 [elektronický dokument]: Report for the experiments for the 6th international symposium on effects of surface geology on seismic motion. DOI 10.1186/s40623-023-01885-6 In: Earth, Planets and Space. New York: Springer Nature, 2023, Roč. 75, č. 1, art. no. 130 [tlačená forma] [online]. ISSN 1343-8832. ISSN (online) 1880-5981. - SCO ; WOS CC ; SCIE ; CCC

2024 [1/20] / GBR - Wan, Jialiang, Wang, Wenqiang, Zhang, Zhenguo. Enhancing computational efficiency in 3-D seismic modelling with half-precision floating-point numbers based on the curvilinear grid finite-difference method [elektronický dokument]. DOI 10.1093/gji/ggae235 In: Geophysical Journal International. Oxford: Oxford University Press, 2024, Roč. 238, č. 3, s. 1595-1611 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 1595 - 1611

2024 [1/20] / USA - Rodgers, Arthur J., Krischer, Lion, Afanasiev, Michael, Boehm, Christian, Doody, Claire, Simmons, Nathan. Adjoint Waveform Tomography for Crustal and Upper Mantle Structure of the Middle East and Southwest Asia for Improved Waveform Simulations Using Openly Available Broadband Data [elektronický dokument]. DOI 10.1785/0120230248 In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2024, Roč. 114, č. 3, s. 1365-1391 [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCO ; WOS CC ; CCC ; SCIE, 1365 - 1391

2024 [1/20] / CHE - Azzola, Jérôme, Gaucher, Emmanuel. Seismic Monitoring of a Deep Geothermal Field in Munich (Germany) Using Borehole Distributed Acoustic Sensing [elektronický dokument]. DOI 10.3390/s24103061 In: Sensors. Bazilej: Multidisciplinary Digital Publishing Institute, 2024, Roč. 24, č. 10, art. no. 3061 [online] [tlačená forma]. ISSN 1424-3210. ISSN (online) 1424-8220. - SCO ; WOS CC ; CCC ; SCIE, art. no. 3061

2023 [1/20] / GBR - Korres, M., Lopez-Caballero, F., Alves Fernandes, V., Gatti, F., Zentner, I., Voldoire, F., Clouteau, D., Castro-Cruz, D. Enhanced Seismic Response Prediction of Critical Structures via 3D

Regional Scale Physics-Based Earthquake Simulation [elektronický dokument]. DOI 10.1080/13632469.2021.2009061 In: Journal of Earthquake Engineering. Abingdon: Taylor & Francis Group, 2023, Roč. 27, č. 3, s. 546-574 [tlačená forma] [online]. ISSN 1363-2469. ISSN (online) 1559-808X. - SCO ; CCC ; SCIE ; WOS CC, 546 - 574

2023 [1/20] / USA - Wang, Nian, Yang, Dinghui, Shen, Yang, Bao, Xueyang, Li, Jiahang. 3D Sensitivity Kernels With Full Attenuation Computed by a Combination of the Strong Stability Preserving Runge-Kutta Method and the Scattering-Integral Method [elektronický dokument]. DOI 10.1029/2023JB026808 In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2023, Roč. 128, č. 8, art. no. e2023JB026808 [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chybné) 0148-0227. - SCO ; WOS CC ; CCC, art. no. e2023JB026808

2023 [1/20] / NLD - Dahal, Ashok, Castro-Cruz, David Alejandro, Tanyaş, Hakan, Fadel, Islam, Mai, Paul Martin, van der Meijde, Mark, van Westen, Cees, Huser, Raphaël, Lombardo, Luigi. From ground motion simulations to landslide occurrence prediction [elektronický dokument]. DOI 10.1016/j.geomorph.2023.108898 In: Geomorphology: an international journal on pure and applied geomorphology. Amsterdam: Elsevier, 2023, č. 441, art. no. 108898 [tlačená forma] [online]. ISSN 0169-555X. ISSN (online) 1872-695X. - SCO ; WOS CC ; CCC ; SCIE, art. no. 108898

2024 [1/20] / NLD - Hu, Gui, Li, Linlin, Satake, Kenji, Wu, Tso Ren, Wang, Peitao, Doong, D. J., Liu, Philip L.F. Source characteristics of the 2006 Pingtung earthquake doublet off southern Taiwan and the possible contribution of submarine landslides to the Tsunami [elektronický dokument]. DOI 10.1016/j.epsl.2024.118921 In: Earth and Planetary Science Letters: a letter journal devoted to the development in time of the earth and planetary system. Amsterdam: Elsevier, 2024, č. 643, art. no. 118921 [tlačená forma] [online]. ISSN 0012-821X. ISSN (online) 1385-013X. - SCO ; WOS CC ; CCC ; SCIE, art. no. 118921

2023 [1/20] / CHN - Bao, Feng, Lin, Rong Bing, Zhang, Gong Bo, Lu, Hao, Chen, Xiao Dong, Zhang, Li Na. Preliminary study on data recorded by a 3D distributed acoustic sensing array in the Huainandeep underground laboratory. DOI 10.6038/cjg2022Q0565 In: Diqiu wuli xuebao. Peking: Science press, 2023, Roč. 66, č. 7, s. 2875-2886 [tlačená forma]. ISSN 0001-5733. - SCO ; WOS CC ; CCC ; SCIE, 2875 - 2886

2023 [1/20] / GBR - Liu, Yuxiang, Wei, Xueting, Liu, Qi, Chen, Xiaofei. Double-source frequency-wavenumber transform for accurate extraction of 2-D media dispersion [elektronický dokument]. DOI 10.1093/gji/ggad208 In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 235, č. 1, s. 74-93 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 74 - 93

2023 [1/20] / USA - Chen, Chang, Wang, Yun, Sun, Lixia, Lin, Chin Jen, Wei, Yongxiang, Liao, Chunqi, Lin, Binhua, Qin, Linpeng. Six-Component Earthquake Synchronous Observations Across Taiwan Strait [elektronický dokument]: Phase Velocity and Source Location. DOI 10.1029/2023EA003040 In: Earth and Space Science. Washington: John Wiley & Sons. American Geophysical Union, 2023, Roč. 10, č. 12, art. no. e2023EA003040. ISSN (online) 2333-5084. - SCO ; WOS CC ; CCC ; SCIE, art. no. e2023EA003040

2023 [1/20] / USA - Hu, Gui, Satake, Kenji, Li, Linlin, Du, Peng. Origins of the Tsunami Following the 2023 Turkey–Syria Earthquake [elektronický dokument]. DOI 10.1029/2023GL103997 In: Geophysical Research Letters. Washington: John Wiley & Sons. American Geophysical Union, 2023, Roč. 50, č. 18, art. no. e2023GL103997 [tlačená forma] [online]. ISSN 0094-8276. ISSN (online) 1944-8007. - SCO ; WOS CC ; SCIE ; CCC, art. no. e2023GL103997

2024 [1/20] / GBR - Nerlikar, Vivek, Miorelli, Roberto, Recoquillay, Arnaud, d'Almeida, Oscar. A physics-embedded deep-learning framework for efficient multi-fidelity modeling applied to guided wave based structural health monitoring [elektronický dokument]. DOI 10.1016/j.ultras.2024.107325 In: Ultrasonics. Guildford: Butterworth Scientific, 2024, č. 141, art. no. 107325 [tlačená forma] [online]. ISSN 0041-624X. ISSN (online) 1874-9968. - SCO ; WOS CC ; CCC ; SCIE, art. no. 107325

2023 [1/20] / USA - Nerlikar, Vivek, Miorelli, Roberto, Recoquillay, Arnaud, D'Almeida, Oscar. Machine Learning-Based Digital Twin Framework for Realistic Guided Wave Signal Generation, Applied to Reliability Assessment and Global Sensitivity Analysis in SHM [elektronický dokument]. DOI 10.1115/QNDE2023-118498 In: 2023 50th Annual Review of Progress in Quantitative Nondestructive Evaluation: Conference Proceedings. New York: The American Society of Mechanical Engineers, 2023, s. 1-10 [online]. ISBN (online) 978-0-7918-8720-2. - WOS CC ; CPCI-S, 1 - 10

2022 [1/20] / CHN - Zhang, Chunli, Zhang, Wei. Two-dimensional elastic wave finite-difference simulation with adaptive mesh refinement [elektronický dokument]. DOI 10.13471/j.cnki.acta.snus.2021D073 In: Zhongshan Daxue Xuebao: Acta Scientiarum Naturalium Universitatis Sunyatseni. Čung-šan: Journal of Zhongshan University, 2022, Roč. 61, č. 1, s. 125-138 [online]. ISSN (online) 2097-0137. - SCO, 125 - 138

ADC_033 / Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (50%) - Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (50%): On the rheological models used for time-domain methods of seismic wave propagation. – text, obr. – DOI 10.1029/2004GL021598. – SCO ; WOS CC ; SCIE ; CCC

In: *Geophysical Research Letters* [textový dokument (print)] [elektronický dokument] . – Washington (USA) : John Wiley & Sons. American Geophysical Union. – ISSN 0094-8276. – ISSN (online) 1944-8007. – Roč. 32, č. 1 (2005), art. no. L01306, s. 1-5 [tlačená forma] [online]

Počet všetkých autorov: 2

[článok]

Lit.: 20

[OV 092 Vedy o Zemi a vesmíre]

Ohlasy (130):

2006 [1/12] / USA - Hestholm, S., Ketcham, S. A., Greenfield, R., Moran, M. L., McMechan, G. Quick and accurate Q parameterization in viscoelastic wave modeling [elektronický dokument] In: *Geophysics: a journal of general and applied geophysics*. Tulsa: The Society of Exploration Geophysicists, 2006, Roč. 71, č. 5, 147- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2007 [3/12] / neurčené - de la Puente, J. Článok In: *Seismic wave simulation for complex rheologies on unstructured meshes*. München : Ludwig-Maximilians-Universität, 2007, 2007

2007 [1/12] / GBR - Dumbser, M., Kaser, M., de la Puente, J. Arbitrary high-order finite volume schemes for seismic wave propagation on unstructured meshes in 2D and 3D [elektronický dokument] In: *Geophysical Journal International*. Oxford: Oxford University Press, 2007, Roč. 171, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 665 - 694

2007 [1/12] / neurčené - Chaljub, E., Komatitsch, D., Vilotte, J. P., Capdeville, Y., Valette, B., Festa, G. Spectral-element analysis in seismology In: *Advances in Geophysics*, 2007, Roč. 48. - SCIE ; SCO ; WOS CC, 365 - 419

2007 [1/12] / USA - JafarGandomi, A., Takenaka, H. Efficient FDTD algorithm for plane-wave simulation for vertically heterogeneous attenuative media [elektronický dokument] In: *Geophysics: a journal of general and applied geophysics*. Tulsa: The Society of Exploration Geophysicists, 2007, Roč. 72, č. 4, 43- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2007 [1/12] / GBR - Kaser, M., Dumbser, M., de la Puente, J., Igel, H. An arbitrary high-order discontinuous Galerkin method for elastic waves on unstructured meshes - 3. Viscoelastic attenuation [elektronický dokument] In: *Geophysical Journal International*. Oxford: Oxford University Press, 2007, Roč. 168, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 224 - 242

2007 [1/12] / USA - Saenger, E. H., Ciz, R., Kruger, O. S., Schmalholz, S. M., Gurevich, B., Shapir, S. A. Finite-difference modeling of wave propagation on microscale: A snapshot of the work in progress [elektronický dokument] In: *Geophysics: a journal of general and applied geophysics*. Tulsa: The Society of Exploration Geophysicists, 2007, Roč. 72, č. 5, [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2008 [1/12] / USA - Askan, A., Bielak, J. Full anelastic waveform tomography including model uncertainty [elektronický dokument] In: *Bulletin of the Seismological Society of America*. ElCerrito: Seismological Society of America, 2008, Roč. 98, č. 6, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2975 - 2989

2008 [1/12] / GBR - Lombard, B., Piraux, J., Gelis, C., Virieux, J. Free and smooth boundaries in 2-D finite-difference schemes for transient elastic waves [elektronický dokument] In: *Geophysical Journal International*. Oxford: Oxford University Press, 2008, Roč. 172, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 252 - 261

2009 [1/12] / GBR - Martin, R., Komatitsch, D. An unsplit convolutional perfectly matched layer technique improved at grazing incidence for the viscoelastic wave equation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2009, Roč. 179, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 333 - 344

2010 [1/12] / GBR - Klin, P., Priolo, E., Seriani, G. Numerical simulation of seismic wave propagation in realistic 3-D geo-models with a Fourier pseudo-spectral method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2010, Roč. 183, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 905 - 922

2010 [1/12] / GBR - Michea, D., Komatitsch, D. Accelerating a three-dimensional finite-difference wave propagation code using GPU graphics cards [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2010, Roč. 182, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 389 - 402

2010 [1/12] / USA - Savage, B., Komatitsch, D., Tromp, J. Effects of 3D attenuation on seismic wave amplitude and phase measurements [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2010, Roč. 100, č. 3, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1241 - 1251

2011 [1/12] / neurčené - Fichtner, A. Full seismic waveform modelling and inversion : Advances in Geophysical and Environmental Mechanics and Mathematics [textový dokument (print)] . Berlin: Springer, 2011. 1 vyd. - BKCI-S ; WOS CC, 1

2010 [1/12] / neurčené - Jafargandomi, A., Takenaka, H. Three component 1D viscoelastic FDM for plane-wave oblique incidence In: Advances in Geosciences: Vol. 20. Singapore: World Scientific, 2010. - SCO, 299 - 312

2010 [1/12] / neurčené - Kapicka, A., Petrovsky, E., Fialova, H., Kodesova, R. Factors influencing reliability of magnetic pollution mapping - A review In: Advances in Geosciences: Vol. 20. Singapore: World Scientific, 2010. - SCO, 273 - 282

2011 [1/12] / USA - Bielak, J., Karaoglu, H., Taborda, R. Memory-efficient displacement-based internal friction for wave propagation simulation [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2011, Roč. 76, č. 6, 131- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2011 [1/12] / neurčené - Cao, D., Yin, X. Q reflections modeling with generalized Maxwell model in time domain In: SEG Technical Program Expanded Abstracts, 2011, Roč. 30, č. 1. - SCO, 2819 - 2823

2011 [1/12] / USA - Dhemaied, A., Rejiba, F., Camerlynck, C., Bodet, L., Guerin, R. Seismic-Wave propagation modeling in viscoelastic media using the auxiliary differential equation method [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2011, Roč. 101, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 413 - 420

2009 [1/12] / neurčené - Delepine, N., Lenti, L., Bonnet, G., Semblat, J. F. Nonlinear viscoelastic wave propagation: An extension of nearly constant attenuation models [elektronický dokument] In: Journal of engineering mechanics, 2009, Roč. 135, č. 11, [tlačená forma]. ISSN 0733-9399. ISSN (online) 1943-7889. - SCIE ; SCO ; WOS CC, 1305 - 1314

2010 [1/12] / neurčené - Semblat, J. F., Gandomzadeh, A., Lenti, L. A simple numerical absorbing layer method in elastodynamics In: Comptes Rendus - Mecanique, 2010, Roč. 338, č. 1. - SCIE ; SCO ; WOS CC, 24 - 32

2011 [1/12] / GBR - Peter, D., Komatitsch, D., Luo, Y., Martin, R., Le Goff, N., Casarotti, E., Le Loher, P., Magnoni, F., Liu, Q. Y., Blitz, C., Nissen-Meyer, T., Basini, P., Tromp, J. Forward and adjoint simulations of seismic wave propagation on fully unstructured hexahedral meshes [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2011, Roč. 186, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 721 - 739

2011 [1/12] / neurčené - Royle, G. Viscoelastic orthorhombic full wavefield inversion: Development of

multiparameter inversion methods In: SEG Technical Program Expanded Abstracts, 2011, Roč. 30, č. 1. - SCO, 4329 - 4333

2011 [1/12] / USA - Semblat, J. F., Lenti, L., Gandomzadeh, A. A simple multi-directional absorbing layer method to simulate elastic wave propagation in unbounded domains [elektronický dokument] In: International Journal for Numerical Methods in Engineering. [s.l.]: John Wiley & Sons, 2011, Roč. 85, č. 12, [tlačená forma] [online]. ISSN 0029-5981. ISSN (online) 1097-0207. - SCIE ; SCO ; WOS CC, 1543 - 1563

2012 [1/12] / NLD - Toyokuni, G., Takenaka, H. Accurate and efficient modeling of global seismic wave propagation for an attenuative Earth model including the center [elektronický dokument] In: Physics of the Earth and Planetary Interiors: a journal devoted to observational and experimental studies of the earth and planetary interiors and their theoretical interpretation by the physical sciences. Amsterdam: Elsevier, 2012, Roč. 200-201, [tlačená forma] [online]. ISSN 0031-9201. ISSN (online) 1872-7395. - SCIE ; SCO ; WOS CC, 45 - 55

2014 [1/12] / DEU - Narayan, J. P., Sahar, D. Three-dimensional viscoelastic finite-difference code and modelling of basement focusing effects on ground motion characteristics [elektronický dokument] In: Computational Geosciences: Modeling, Simulation and Data Analysis. Berlín: Springer Nature. Springer International Publishing AG, 2014, Roč. 18, č. 6, [tlačená forma] [online]. ISSN 1420-0597. ISSN (online) 1573-1499. - SCIE ; SCO ; WOS CC, 1023 - 1047

2014 [1/12] / GBR - Peyrusse, F., Glinsky, N., Gelis, C., Lanteri, S. A nodal discontinuous Galerkin method for site effects assessment in viscoelastic media-verification and validation in the Nice basin [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2014, Roč. 199, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 315 - 334

2014 [1/12] / GBR - van Driel, M., Nissen-Meyer, T. Optimized viscoelastic wave propagation for weakly dissipative media [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2014, Roč. 199, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1078 - 1093

2013 [1/12] / USA - Maeda, T., Furumura, T., Noguchi, S., Takemura, S., Sakai, S., Shinohara, M., Iwai, K., Lee, S. J. Seismic- and Tsunami-wave propagation of the 2011 Off the Pacific Coast of Tohoku earthquake as inferred from the Tsunami-coupled finite-difference simulation [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2013, Roč. 103, č. 2, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1456 - 1472

2011 [1/12] / GBR - Skarlatoudis, A. A., Papazachos, C. B., Theodoulidis, N. Spatial distribution of site effects and wave propagation properties in Thessaloniki (N. Greece) using a 3-D finite difference method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2011, Roč. 185, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 485 - 513

2012 [1/12] / neurčené - Lai, C. G., Ozcebe, A. G. In-situ measurement of damping ratio spectra from the inversion of phase velocities of P and S waves in cross-hole seismic testing In: Advances in Transportation Geotechnics 2. Boca Raton: CRC Press, 2012. - SCO, 578 - 582

2012 [1/12] / neurčené - Petersson, N. A., Sjogreen, B. Stable and efficient modeling of anelastic attenuation in seismic wave propagation [elektronický dokument] In: Communications in Computational Physics, 2012, Roč. 12, č. 1, [tlačená forma]. ISSN 1815-2406. ISSN (online) 1991-7120. - SCIE ; SCO ; WOS CC, 193 - 225

2014 [1/12] / USA - Cao, D., Yin, X. Equivalence relations of generalized rheological models for viscoelastic seismic-wave modeling [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2014, Roč. 104, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 260 - 268

2014 [1/12] / USA - Narayan, J. P., Kumar, R. Spatial spectral amplification of basin-transduced Rayleigh waves [elektronický dokument] In: Natural Hazards. New York: Springer Nature. Springer, 2014, Roč. 71, č. 1, [tlačená forma] [online]. ISSN 0921-030X. ISSN (online) 1573-0840. - SCIE ; SCO ; WOS CC, 751 -

2015 [1/12] / CHN - He, B., Wu, G. The seismic forward modeling using Born approximation equation based on rheological body In: Dizhen xuebao. [s.l.]: Acta Seismologica Sinica Press, 2015, [tlačená forma]. ISSN 0253-3782. - SCO, 661 - 677

2015 [1/12] / USA - Withers, K. B., Olsen, K. B., Day, S. M. Memory-Efficient Simulation of Frequency-Dependent Q [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2015, Roč. 105, č. 6, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 3129 - 3142

2016 [1/12] / GBR - Blanc, E., Komatitsch, D., Chaljub, E., Lombard, B., Xie, Z. Highly accurate stability-preserving optimization of the Zener viscoelastic model, with application to wave propagation in the presence of strong attenuation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 205, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 427 - 439

2016 [1/12] / GBR - Fan, N., Zhao, L. F., Xie, X. B., Ge, Z., Yao, Z. X. Two-dimensional time-domain finite-difference modeling for viscoelastic seismic wave propagation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 206, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1539 - 1551

2016 [1/12] / ROM - Stanescu, M. M. Kelvin Model Equivalent to a Body with Viscoelastic Behaviour In: Materiale Plastice. Bukurešť: Revista de chimie SRL, 2016, Roč. 53, č. 2, [tlačená forma]. ISSN 0025-5289. - SCIE ; SCO ; WOS CC, 235 - 239

2016 [1/12] / CHN - Xie, J., Sun, C., Wu, D., Qiao, Z. Love wave modeling in viscoelastic media with unsplit CFS-CPML conditions In: Dizhen xuebao. [s.l.]: Acta Seismologica Sinica Press, 2016, [tlačená forma]. ISSN 0253-3782. - SCO, 244 - 258

2011 [1/12] / USA - Semblat, J. F. Modeling Seismic Wave Propagation and Amplification in 1D/2D/3D Linear and Nonlinear Unbounded Media [elektronický dokument] In: International journal of geomechanics. Reston: The American Society of Civil Engineers, 2011, Roč. 11, č. 6, [online]. ISSN 1532-3641. ISSN (online) 1943-5622. - SCIE ; SCO ; WOS CC, 440 - 448

2011 [1/12] / GBR - Zhang, K., Luo, Y., Xia, J., Chen, C. Pseudospectral modeling and dispersion analysis of Rayleigh waves in viscoelastic media [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2011, Roč. 31, č. 10, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 1332 - 1337

2012 [1/12] / USA - Semblat, J. F. Modeling seismic wave propagation and amplification in 1D/2D/3D linear and nonlinear unbounded media [elektronický dokument] In: International journal of geomechanics. Reston: The American Society of Civil Engineers, 2012, Roč. 11, č. 6, [online]. ISSN 1532-3641. ISSN (online) 1943-5622. - SCO, 440 - 448

2013 [1/12] / USA - Lambert, M. A., Saenger, E. H., Quintal, B., Schmalholz, S. M. Numerical simulation of ambient seismic wavefield modification caused by pore-fluid effects in an oil reservoir [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2013, Roč. 78, č. 1, 41- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2013 [1/12] / neurčené - Tian, K., Huang, J., Li, Z., Li, N., Guo, Z., Li, Q. Simulation of the planar free surface in the finite-difference modeling of half-space viscoelastic medium In: 75th European Association of Geoscientists and Engineers Conference and Exhibition 2013. Houten: EAGE, 2013. - SCO, 585 - 589

2014 [1/12] / GBR - Fichtner, A., van Driel, M. Models and Frechet kernels for frequency-(in)dependent Q [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2014, Roč. 198, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1878 - 1889

2014 [1/12] / neurčené - Guo, Z. B., Tian, K., Li, Z. C., Cao, X. L., Li, A. J., Wang, Q. Constructing nearly constant-Q viscoelastic model using the nonlinear optimization method In: Zhongguo Shiyou Daxue Xuebao (Ziran Kexue Ban)/Journal of China University of Petroleum (Edition of Natural Science), 2014,

2014 [1/12] / NLD - Maeda, T., Furumura, T., Obara, K. Scattering of teleseismic P-waves by the Japan Trench: A significant effect of reverberation in the seawater column [elektronický dokument] In: Earth and Planetary Science Letters: a letter journal devoted to the development in time of the earth and planetary system. Amsterdam: Elsevier, 2014, Roč. 397, [tlačená forma] [online]. ISSN 0012-821X. ISSN (online) 1385-013X. - SCIE ; SCO ; WOS CC, 101 - 110

2014 [1/12] / GBR - Yang, Z., Liu, Y., Ren, Z. Comparisons of visco-acoustic wave equations [elektronický dokument] In: Journal of Geophysics and Engineering. Oxford: Oxford University Press, 2014, Roč. 11, č. 2, [tlačená forma] [online]. ISSN 1742-2132. ISSN (online) 1742-2140. - SCIE ; SCO ; WOS CC, Art. No. 025004

2015 [1/12] / neurčené - Chen, P. AnelasticWave Propagation (AWP) In: Full-3d Seismic Waveform Inversion: Theory, Software and Practice : Springer Geophysics. Berlin: Springer, 2015. - BKCI-S ; SCO ; WOS CC, 15 - 90

2015 [1/12] / USA - Yang, R., Mao, W., Chang, X. An efficient seismic modeling in viscoelastic isotropic media [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2015, Roč. 80, č. 1, 63- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2016 [1/12] / GBR - Brissaud, Q., Martin, R., Garcia, R., Komatitsch, D. Finite-difference numerical modelling of gravitoacoustic wave propagation in a windy and attenuating atmosphere [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 206, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 308 - 327

2016 [1/12] / USA - Guo, P., McMechan, G. A., Guan, H. Comparison of two viscoacoustic propagators for Q-compensated reverse time migration [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2016, Roč. 81, č. 5, 281- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC

2016 [1/12] / neurčené - He, B., Wu, G. Inversion of characterization parameters of constant Q model based on generalized rheological body In: Shiyou Diqiu Wuli Kantan/Oil Geophysical Prospecting, 2016, Roč. 51, č. 3. - SCO, 572 - 580

2016 [1/12] / neurčené - Uphoff, C., Bader, M. Generating high performance matrix kernels for earthquake simulations with viscoelastic attenuation In: 2016 International Conference on High Performance Computing & Simulation. New York: Institute of Electrical and Electronics Engineers, 2016. - CPCI-S ; SCO ; WOS CC, 908 - 916

2016 [1/12] / neurčené - Xie, Z., Matzen, R., Cristini, P., Komatitsch, D., Martin, R. A perfectly matched layer for fluid-solid problems: Application to ocean-acoustics simulations with solid ocean bottoms In: Journal of the Acoustical Society of America, 2016, Roč. 140, č. 1. - SCIE ; SCO ; WOS CC, 165 - 175

2022 [1/20] / USA - Wang, Ning, Xing, Guangchi, Zhu, Tieyuan, Zhou, Hui, Shi, Ying. Propagating Seismic Waves in VTI Attenuating Media Using Fractional Viscoelastic Wave Equation [elektronický dokument]. DOI 10.1029/2021JB023280 In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2022, Roč. 127, č. 4, art. no. e2021JB023280 [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chybné) 0148-0227. - SCO ; WOS CC ; CCC ; SCIE, art. no. e2021JB023280

2022 [1/20] / USA - Gao, Bo, Wang, Wei, Chen, Menghui, Wang, Sixin. Frequency Domain Q-Compensated Reverse Time Migration Using Anti-Dispersion Acoustic Equation [elektronický dokument]. DOI 10.1134/S1061830922600484 In: Russian Journal of Nondestructive Testing. Pleiades Publishing: Pleiades Publishing, 2022, Roč. 58, č. 11, s. 961-970 [tlačená forma] [online]. ISSN 1061-8309. ISSN (online) 1608-3385. - SCO, 961 - 970

2023 [1/20] / GBR - Masson, Yder. Distributional finite-difference modelling of seismic waves [elektronický dokument]. DOI 10.1093/gji/ggac306 In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 233, č. 1, s. 264-296 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 264 - 296

2022 [1/20] / USA - Zhou, Hongyu, Liu, Yang, Wang, Jing. Elastic Wave Modeling with High-Order Temporal and Spatial Accuracies by a Selectively Modified and Linearly Optimized Staggered-Grid Finite-Difference Scheme [elektronický dokument]. DOI 10.1109/TGRS.2021.3078626 In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2022, č. 60, art. no. 3000122 [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCO ; SCIE ; CCC ; WOS CC, art. no. 3000122

2017 [1/12] / neurčené - Guo, T., McMechan, G. A. Evaluation Of Three First-Order Isotropic Viscoelastic Formulations Based On The Generalized Standard Linear Solid. Článok In: Journal of Seismic Exploration, 2017, Roč. 26, č. 3. ISSN 09630651. - SCIE ; SCO ; WOS CC, 199 - 226

2017 [1/12] / neurčené - Maeda, T., Takemura, S., Furumura, T. OpenSWPC: an open-source integrated parallel simulation code for modeling seismic wave propagation in 3D heterogeneous viscoelastic media. DOI 10.1186/s40623-017-0687-2 In: Earth Planets and Space, 2017, Roč. 69. - SCIE ; WOS CC, Art. No. 102

2019 [1/12] / GBR - Afanasiev, M., Boehm, C., van Driel, M., Krischer, L., Rietmann, M., May, D.A., Knepley, M. G., Fichtner, A. Modular and flexible spectral-element waveform modelling in two and three dimensions [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 216, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1675 - 1692

2019 [1/12] / GBR - Martin, R., Bodet, L., Tournat, V., Rejiba, F. Seismic wave propagation in nonlinear viscoelastic media using the auxiliary differential equation method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 216, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 453 - 469

2019 [1/12] / USA - Tripathi, B.B., Espindola, G.F., Pinton, G.F. Modeling and simulations of two dimensional propagation of shear shock waves in relaxing soft solids [elektronický dokument]. DOI 10.1016/j.jcp.2019.06.014 In: Journal of Computational Physics. San Diego : American Academic Press, 2019, Roč. 395, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 205 - 222

2022 [1/20] / USA - Yuan, S., Zhang, Z., Ren, H., Zhang, W., Song, X., Chen, X. Finite-Difference Modeling and Characteristics Analysis of Love Waves in Anisotropic-Viscoelastic Media [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2022, Roč. 112, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 23 - 47

2023 [1/20] / GBR - Xu, Q., Wang, Y. Determination of the viscoelastic parameters for the generalized viscoelastic wave equation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 233, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 875 - 884

2016 [1/12] / GBR - Yang, P., Brossier, R., Metivier, L., Virieux, J. A review on the systematic formulation of 3-D multiparameter full waveform inversion in viscoelastic medium [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 207, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 129 - 149

2016 [1/12] / USA - Yang, P., Brossier, R., Metivier, L., Virieux, J. Wavefield reconstruction in attenuating media: A checkpointing-assisted reverse-forward simulation method [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2016, Roč. 81, č. 6, 349- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2017 [1/12] / GBR - Zhao, J.G., Huang, X.X., Liu, W.F., Zaho, W.J., Song, J.Y., Xiong, B., Wang, S.X. 2.5-D frequency-domain viscoelastic wave modelling using finite-element method. Článok [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 211, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 164 - 187

2018 [1/12] / NLD - Yuan, S.C. – Song, X.H. – Cai, W. – Hu, Y. Analysis of attenuation and dispersion of Rayleigh waves in viscoelastic media by finite-difference modeling [elektronický dokument]. DOI 10.1016/j.jappgeo.2017.11.010 In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2018, Roč. 148,

[tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, 115 - 126

2018 [1/12] / neurčené - Xie, Z.N. – Zheng, Y.L. – Zhang, X.B. Optimized approximation for constitution of constant Q viscoelastic media in time domain seismic wave simulation In: Chinese Journal of Geophysics, 2018, Roč. 61, č. 10. - SCIE ; SCO ; WOS CC, 4007 - 4020

2018 [1/12] / GBR - Yuan, S.C. – Song, X.H. – Zhang, X.Q. – Zhao, S.T. – Zhao, P.Q., Cai, W. – Yu, D.K. Finite-difference modeling and characteristics analysis of Rayleigh waves in anisotropic-viscoelastic media [elektronický dokument]. DOI 10.1016/j.soildyn.2018.02.004 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2018, Roč. 108, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 46 - 57

2019 [1/12] / neurčené - Wang, N. – Li, J.H. – Borisov, D. – Gharti, H.N. – Shen, Y. – Zhang, W. – Savage, B. Modeling Three-Dimensional Wave Propagation in Anelastic Models With Surface Topography by the Optimal Strong Stability Preserving Runge-Kutta Method In: Journal of Geophysical Research-Solid Earth, 2019, Roč. 124, č. 1. - SCIE ; SCO ; WOS CC, 890 - 907

2021 [1/12] / neurčené - Zhang, Y., Wang, Y., Wang, X., Li, S. Research progress on the absorption attenuation of seismic waves in viscoelastic media In: Geophysical Prospecting for Petroleum, 2021, Roč. 60, č. 2. - SCIE ; SCO ; WOS CC, 238 - 250

2022 [1/20] / NLD - Carcione, J. M. Wave Fields in Real Media [elektronický dokument] : Wave Propagation in Anisotropic, Anelastic, Porous and Electromagnetic Media. Amsterdam: Elsevier, 2022. 4. vyd. ISBN (online) 978-0-323-98343-3. DOI 10.1016/C2021-0-00938-X. - SCO, 1 - 796

2017 [1/12] / USA - Guo, P., McMechan, G. A. Sensitivity of 3D 3C synthetic seismograms to anisotropic attenuation and velocity in reservoir models [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2017, Roč. 82, č. 2, 79- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2017 [1/12] / neurčené - Ioriatti, M. – Dumbser, M. – Iben, U. A comparison of explicit and semi-implicit finite volume schemes for viscous compressible flows in elastic pipes in fast transient regime In: Zamm-Zeitschrift für Angewandte Mathematik und Mechanik, 2017, Roč. 97, č. 11. - SCIE ; SCO ; WOS CC, 1358 - 1380

2017 [1/12] / GBR - Oral, E. – Gelis, C. – Bonilla, L.F. – Delavaud, E. Spectral element modelling of seismic wave propagation in visco-elastoplastic media including excess-pore pressure development [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 211, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1494 - 1508

2018 [1/12] / GBR - Benito, J.J. – Urena, F. – Urena, M. – Salete, E. – Gavete, L. Schemes in generalized finite differences for seismic wave propagation in Kelvin-Voigt viscoelastic media. DOI 10.1016/j.enganabound.2018.06.017 In: Engineering analysis with boundary elements: the international journal for boundary element research and applications. Southampton: Computational Mechanics Publications, 2018, Roč. 95, [tlačená forma]. ISSN 0955-7997. - SCIE ; SCO ; WOS CC, 25 - 32

2018 [1/12] / neurčené - Benjamin, H., Chiavassa, G., Favrie, N., Lombard, B., Payan, C. A unified treatment of nonlinear viscoelasticity and non-equilibrium dynamics In: Nonlinear Ultrasonic and Vibro-Acoustical Techniques for Nondestructive Evaluation. Cham: Springer, 2018. - SCO, 471 - 486

2018 [1/12] / neurčené - Benjamin, H. – Lombard, B. – Chiavassa, G. – Favrie, N. Modeling longitudinal wave propagation in nonlinear viscoelastic solids with softening. DOI 10.1016/j.ijsolstr.2018.02.009 In: International journal of solids and structures, 2018, Roč. 141, [tlačená forma]. ISSN 0020-7683. - SCIE ; SCO ; WOS CC, 35 - 44

2018 [1/12] / USA - Guo, P. – McMechan, G.A. Compensating Q effects in viscoelastic media by adjoint-based least-squares reverse time migration [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2018, Roč. 83, č. 2, 151- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2018 [1/12] / GBR - Wang, Y.F. – Ma, X. – Zhou, H. – Chen, Y.K. L1-2 minimization for exact and stable seismic attenuation compensation [elektronický dokument] In: Geophysical Journal International. Oxford:

Oxford University Press, 2018, Roč. 213, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1629 - 1646

2018 [1/12] / GBR - Yang, J.D. – Zhu, H.J. A time-domain complex-valued wave equation for modelling visco-acoustic wave propagation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2018, Roč. 215, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1064 - 1079

2018 [1/12] / USA - Yang, P.L. – Brossier, R. – Metivier, L. – Virieux, J. – Zhou, W. A Time-Domain Preconditioned Truncated Newton Approach to Visco-Acoustic Multiparameter Full Waveform Inversion [elektronický dokument] In: SIAM Journal on Scientific Computing: a publication of the Society for Industrial and Applied Mathematics. Philadelphia: Society for Industrial and Applied Mathematics, 2018, Roč. 40, č. 4, 1101- [tlačená forma] [online]. ISSN 1064-8275. ISSN (online) 1095-7197. - SCIE ; SCO ; WOS CC

2018 [1/12] / neurčené - Ye, W. – Bel-Brunon, A. – Cathelline, S. – Combescure, A. – Rochette, M. Simulation of nonlinear transient elastography: finite element model for the propagation of shear waves in homogeneous soft tissues [elektronický dokument] In: International Journal for Numerical Methods in Biomedical Engineering, 2018, Roč. 34, č. 1, [tlačená forma]. ISSN 2040-7939. ISSN (online) 2040-7947. - SCIE ; SCO ; WOS CC, Art. No. e2901

2018 [1/12] / USA - Zhou, W. – Brossier, R. – Operto, S. – Virieux, J. – Yang, P.L. Velocity model building by waveform inversion of early arrivals and reflections: A 2D case study with gas-cloud effects [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2018, Roč. 83, č. 2, 141- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2019 [1/12] / USA - Aharchaou, M. – Neumann, E. Prestack Q compensation with sparse tau-p operators [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2019, Roč. 84, č. 5, 295- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2019 [1/12] / neurčené - Bagheri, A. – Khan, A. – Al-Attar, D. – Crawford, O. – Giardini, D. Tidal Response of Mars Constrained From Laboratory-Based Viscoelastic Dissipation Models and Geophysical Data In: Journal of Geophysical Research-Planets, 2019, Roč. 124, č. 11. - SCIE ; SCO ; WOS CC, 2703 - 2727

2019 [1/12] / USA - Guo, P. – McMechan, G.A. – Ren, L. Modeling the viscoelastic effects in P-waves with modified viscoacoustic wave propagation [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2019, Roč. 84, č. 6, 381- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2019 [1/12] / neurčené - Guo, P., McMechan, G. A., Ren, L. Modeling the viscoelastic effects in P waves using modified viscoacoustic wave propagation In: 88th Society of Exploration Geophysicists International Exposition and Annual Meeting (SEG 2018) : Proceedings. [Houston]: Society of Exploration Geophysicists, 2019. - SCO, 3803 - 3807

2019 [1/12] / CHE - Lamert, A. – Friedrich, W. Full Waveform Inversion for Advance Exploration of Ground Properties in Mechanized Tunneling [elektronický dokument] In: International Journal of Civil Engineering. Cham: Springer Nature. Springer International Publishing AG, 2019, Roč. 17, č. 1, [tlačená forma] [online]. ISSN 1735-0522. ISSN (online) 2383-3874. - SCIE ; SCO ; WOS CC, 19 - 32

2019 [1/12] / USA - Phuong-Thu, T., Brossier, R., Metivier, L., Tavad, L., Virieux, J. Efficient time-domain 3D elastic and viscoelastic full-waveform inversion using a spectral-element method on flexible Cartesian-based mesh [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2019, Roč. 84, č. 1, 61- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC

2019 [1/12] / GBR - Qiao, Z.H. – Sun, C.Y. – Wu, D.S. Theory and modelling of constant-Q viscoelastic anisotropic media using fractional derivative [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 217, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 798 - 815

2019 [1/12] / USA - Trinh, P.T., Brossier, R., Metivier, L., Tavard, L., Virieux, J. Efficient time-domain 3D elastic and viscoelastic full-waveform inversion using a spectral-element method on flexible Cartesian-based mesh [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2019, Roč. 84, č. 1, 61- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2019 [1/12] / USA - Wang, Y.F. – Zhou, H. – Zhao, X.B. – Zhang, Q.C. – Zhao, P.R. – Yu, X.C. – Chen, Y.K. CuQ-RTM: A CUDA-based code package for stable and efficient Q-compensated reverse time migration [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2019, Roč. 84, č. 1, 1- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2019 [1/12] / neurčené - Xing, G.C. – Zhu, T.Y. Modeling Frequency-Independent Q Viscoacoustic Wave Propagation in Heterogeneous Media In: Journal of Geophysical Research-Solid Earth, 2019, Roč. 124, č. 11. - SCIE ; SCO ; WOS CC, 11568 - 11584

2019 [1/12] / neurčené - Zhang, G., Gao, J. Applying the -method to viscoelastic forward modeling In: Society of Exploration Geophysicists International Exposition and 83rd Annual Meeting: Expanding Geophysical Frontiers (SEG 2013) : Proceedings. [Houston]: Society of Exploration Geophysicists, 2019. - SCO, 3531 - 3536

2020 [1/12] / GBR - Morozov, I.B. – Deng, W.B. – Cao, D.P. Mechanical analysis of viscoelastic models for Earth media [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2020, Roč. 220, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1762 - 1773

2021 [1/12] / neurčené - Lai, S.-T., Fuji, N., Katayama, I., Bonilla, L. F., Capdeville, Y. Rock Deformation Monitoring Using Monte Carlo Waveform Inversion In: Journal of Geophysical Research: Solid Earth, 2021, Roč. 126, č. 10. - SCIE ; SCO ; WOS CC, Art. No. e2021JB021873

2021 [1/12] / neurčené - Semblat, J. F., Chaillat, S., Lenti, L., Meza-Fajardo, K., Santisi d'Avila, M.P. Modeling Seismic Wave Propagation and Interaction: Recent Advances and Future Challenges In: 16th International Conference of the International Association for Computer Methods and Advances in Geomechanics (IACMAG 2021) : Challenges and Innovations in Geomechanics : Lecture Notes in Civil Engineering. Cham: Springer, 2021. - SCO, 661 - 668

2023 [1/20] / USA - Duchesne, M. J., Fabien-Ouellet, G., Bustamante, J. Detecting subsea permafrost layers on marine seismic data: An appraisal from forward modelling [elektronický dokument] In: Near Surface Geophysics. Hoboken: Wiley, 2023, Roč. 21, č. 1, [tlačená forma] [online]. ISSN 1569-4445. ISSN (online) 1873-0604. - SCIE ; SCO ; WOS CC, 3 - 20

2022 [1/20] / NLD - Zhang, W., Gao, J. Attenuation compensation for wavefield-separation-based least-squares reverse time migration in viscoelastic media [elektronický dokument] In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2022, Roč. 70, č. 2, [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCIE ; SCO ; WOS CC, 280 - 317

2022 [1/20] / USA - Wang, Y., Hu, X., Harris, J. M., Zhou, H. Crosswell Seismic Imaging Using Q-Compensated Viscoelastic Reverse Time Migration With Explicit Stabilization [elektronický dokument] In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2022, Roč. 60, [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCIE ; SCO ; WOS CC, art. no. 5915611

2022 [1/20] / USA - Wang, L., Zhou, H., Chen, H., Wang, Y., Zhang, Y. Structure-Guided L1-2 Minimization for Stable Multichannel Seismic Attenuation Compensation [elektronický dokument] In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2022, Roč. 60, [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCIE ; SCO ; WOS CC, art. no. 5921809

2022 [1/20] / CHE - Ichou, M. A., El Amri, H., Ezziani, A. Fractional Viscoelastic Wave Attenuation Modeling [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2022, Roč. 179, č. 3, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 1089 - 1102

2022 [1/20] / NLD - Parolai, S., Lai, C. G., Dreossi, I., Ktenidou, O.-J., Yong, A. A review of near-surface Q(S) estimation methods using active and passive sources [elektronický dokument] In: Journal of Seismology. Dordrecht: Springer Nature, 2022, Roč. 26, č. 4, [tlačená forma] [online]. ISSN 1383-4649. ISSN (online) 1573-157X. - SCIE ; SCO ; WOS CC, 823 - 862

2022 [1/20] / NLD - Bagheri, A., Efroimsky, M., Castillo-Rogez, J., Goossens, S., Plesa, A.-C., Rambaux, N., Rhoden, A., Walterová, M., Khan, A., Giardini, D. Tidal insights into rocky and icy bodies: an introduction and overview In: Geophysical Exploration of the Solar System. Amsterdam: Elsevier, 2022, [online]. ISBN 978-0-443-18698-1. - BKCI-S ; SCO ; WOS CC, 231 - 320

2023 [1/20] / GBR - Xie, Y., Rychert, C. A., Harmon, N. Elastic and anelastic adjoint tomography with and full Hessian kernels [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 234, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1205 - 1235

2021 [1/20] / UKR - Ait, I. M., El, A. H., Ezziani, A. Mathematical modeling of wave propagation in viscoelastic media with the fractional Zener model [elektronický dokument] In: Mathematical Modeling and Computing. Lvov: Lviv Polytechnic National University, 2021, Roč. 8, č. 4, [tlačená forma] [online]. ISSN 2312-9794. ISSN (online) 2415-3788. - SCO, 601 - 615

2021 [1/20] / USA - Yong, P., Brossier, R., Métivier, L., Virieux, J. Q estimation by full-waveform inversion: Analysis and misfit functions comparison In: 1st International Meeting for Applied Geoscience and Energy. Houston: The Society of Exploration Geophysicists, 2021, [tlačená forma] [online]. - SCO, 827 - 831

2022 [1/20] / USA - Tan, S., Lee, S., Anderson, J. E., Wang, H., Burtz, O., Routh, P., Li, R., Yu, Y. Fast anisotropic viscoelastic modeling and application in quantitative seismic reservoir characterization In: Second International Meeting for Applied Geoscience and Energy. Tulsa: The Society of Exploration Geophysicists, 2022, [online]. - SCO, 2502 - 2506

2023 [1/20] / NLD - Nogueira, P., Silva, L., de Jesus, L., Porsani, M. A comparative analysis between viscoacoustic forward and adjoint wave equations based on Maxwell, Kelvin-Voigt, and SLS rheological models [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2023, č. 214, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCO, art. no. 105065

2023 [1/20] / USA - Zhou, H., Liu, Y., Wang, J. K-space dispersion error compensators for the fractional spatial derivatives based constant-Q viscoelastic wave equation modeling [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2023, č. 487, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, art. no. 112161

2024 [1/20] / GBR - Deng, Wubing, Morozov, Igor B., Fu, Li Yun, Cao, Danping. An extended continuum-mechanics standard linear solid rheology for fluid-saturated porous rock [elektronický dokument]. DOI 10.1093/gji/ggae142 In: Geophysical Journal International. Oxford: Oxford University Press, 2024, Roč. 238, č. 1, s. 1-14 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 1 - 14

2024 [1/20] / DEU - Jin, Chao, Zhou, Bing, Riahi, Mohamed Kamel, Zemerly, Mohamed Jamal. A generalized time-domain velocity-stress seismic wave equation for composite viscoelastic media with a topographic relief and an irregular seabed [elektronický dokument]. DOI 10.1007/s10596-024-10273-2 In: Computational Geosciences: Modeling, Simulation and Data Analysis. Berlín: Springer Nature. Springer International Publishing AG, 2024, Roč. 28, č. 3, s. 355-371 [tlačená forma] [online]. ISSN 1420-0597. ISSN (online) 1573-1499. - SCO ; WOS CC ; CCC ; SCIE, 355 - 371

2023 [1/20] / USA - Wang, Nian, Yang, Dinghui, Shen, Yang, Bao, Xueyang, Li, Jiahang. 3D Sensitivity Kernels With Full Attenuation Computed by a Combination of the Strong Stability Preserving Runge-Kutta Method and the Scattering-Integral Method [elektronický dokument]. DOI 10.1029/2023JB026808 In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2023, Roč. 128, č. 8, art. no. e2023JB026808 [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chybné) 0148-0227. - SCO ; WOS CC ; CCC, art. no. e2023JB026808

2024 [1/20] / USA - Jin, Chao, Zhou, Bing, Greenhalgh, Stewart, Jamal Zemerly, Mohamed, Kamel Riahi, Mohamed, Cao, Danping. An Accurate and Efficient Recursive Convolution Method to Simulate

Viscoacoustic and Viscoelastic Waves [elektronický dokument]. DOI 10.1109/TGRS.2024.3393613 In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2024, Roč. 62, art. no. 4505412 [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCO ; WOS CC ; CCC ; SCIE, art. no. 4505412

2023 [1/20] / USA - Yang, Qingjie, Zhou, Bing, Engsig, Marcus, Won, Moosoo, Riahi, Mohamed Kamel, Al-khaleel, Mohammad, Greenhalgh, Stewart. Numerical Fréchet derivatives of the displacement tensor for 2.5-D frequency-domain seismic full-waveform inversion in viscoelastic TTI media [elektronický dokument]. DOI 10.1002/nsg.12265 In: Near Surface Geophysics. Hoboken: Wiley, 2023, Roč. 21, č. 6, s. 395-413 [tlačená forma] [online]. ISSN 1569-4445. ISSN (online) 1873-0604. - SCO ; WOS CC ; SCIE ; CCC, 395 - 413

2024 [1/20] / USA - Guo, Xu, Jiang, Shidong, Xiong, Yunfeng, Zhang, Jiwei. Compressing the memory variables in constant-Q viscoelastic wave propagation via an improved sum-of-exponentials approximation [elektronický dokument]. DOI 10.1016/j.jcp.2024.113326 In: Journal of Computational Physics. San Diego : American Academic Press, 2024, č. 518, art. no. 113326 [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCO ; WOS CC ; CCC ; SCIE, art. no. 113326

2024 [1/20] / USA - Zhang, Wei, Gao, Jinghuai, Shi, Ying, Ke, Xuan, Li, Zhen, Yang, Tao, Sun, Wenbo. Q-compensated image-domain least-squares reverse time migration through preconditioned point-spread functions [elektronický dokument]. DOI 10.1190/geo2023-0333.1 In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2024, Roč. 89, č. 3, s. S195-S213 [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO ; WOS CC ; SCIE ; CCC, 195 - 213

2024 [1/20] / USA - Sun, Rui, You, Jiachun, Liu, Nengchao. Time-Fractional Viscoacoustic Wave Equation-Based Frequency-Domain Stable Q-RTM [elektronický dokument]. DOI 10.1109/TGRS.2024.3444467 In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2024, Roč. 62, art. no. 5924614 [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCO ; WOS CC ; SCIE ; CCC, art. no. 5924614

2023 [1/20] / CHN - Wang, Xipeng, Zhang, Qingchen, Mao, Weijian. Viscoacoustic reverse-time migration imaging based on fractional Laplacian with up-going and down-going wave decomposition. DOI 10.13810/j.cnki.issn.1000-7210.2023.04.012 In: Shiyou Diqiu Wuli Kantan. Peking: Science China Press, 2023, Roč. 58, č. 4, s. 872-882 [tlačená forma]. ISSN 1000-7210. - SCO, 872 - 882

2024 [1/20] / USA - Yong, Peng, Brossier, Romain, Métivier, Ludovic. Inversion strategies for Q estimation in viscoacoustic full-waveform inversion [elektronický dokument]. DOI 10.1190/geo2023-0760.1 In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2024, Roč. 89, č. 5, s. R399-R413 [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO ; WOS CC ; SCIE ; CCC, 399 - 413

2023 [1/20] / GBR - Yong, Peng, Brossier, Romain, Métivier, Ludovic, Virieux, Jean. Localized adaptive waveform inversion: regularizations for Gabor deconvolution and 3-D field data application [elektronický dokument]. DOI 10.1093/gji/ggad225 In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 235, č. 1, s. 448-467 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 448 - 467

2023 [1/20] / USA - Won, Moosoo, Zhou, Bing, Liu, Xu, Zemerly, Mohamed Jamal, Al-Khaleel, Mohammad, Riahi, Mohamed Kamel. 2.5-D Time-Domain Seismic Wavefield Modeling in Heterogeneous Viscoelastic and Tilted Transversely Isotropic Media (2023) [elektronický dokument]. DOI 10.1109/TGRS.2023.3333544 In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2023, Roč. 61, art. no. 4508915 [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCO ; WOS CC ; CCC ; SCIE, art. no. 4508915

2023 [1/20] / SGP - Pan, Yue, He, Xiao, Wang, Xiuming. 3D Viscoelastic Finite-Difference Analysis of the Monopole Acoustic Logs in Cylindrical Coordinates [elektronický dokument]. DOI 10.1142/S2591728522500062 In: Journal of Theoretical and Computational Acoustics. Singapur: World Scientific Publishing, 2023, Roč. 31, č. 1, art. no. 2250006 [tlačená forma] [online]. ISSN 2591-7285. ISSN (online) 2591-7811. - SCO ; WOS CC ; CCC ; SCIE, art. no. 2250006

2022 [1/20] / CHN - Zeng, Qingpei, Wang, Xiangchao, Wang, Jinting. Influence of the quality factor on simulated seismic waves [elektronický dokument]: A case study of the 1994 Northridge earthquake. DOI

10.1016/j.eqs.2022.10.008 In: Earthquake Science. Peking: KeAi Communications Co., 2022, Roč. 35, č. 5, s. 329-342 [tlačená forma] [online]. ISSN 1674-4519. ISSN (online) 1867-8777. - SCO ; WOS CC ; ESCI, 329 - 342

2022 [1/20] / FRA - He, Xijun, Qiu, Chujun, Sun, Jianqiang. Discontinuous Galerkin Method for Solving 2D Dissipative Seismic Wave Equations In: Journal of Seismic Exploration. Castelnau-le-Lez: Geophysical Press, 2022, Roč. 31, č. 2, s. 153-176 [tlačená forma]. ISSN 0963-0651. - SCO ; WOS CC ; CCC ; SCIE, 153 - 176

ADC_034 / Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (33.333%) - Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (33.334%) - Gális, Martin (Autor) (33.333%): Simulation of the planar free surface with near-surface lateral discontinuities in the finite-difference modeling of seismic motion. – text, obr. – DOI 10.1785/0120030051. – CCC ; SCO ; WOS CC ; SCIE

In: *Bulletin of the Seismological Society of America* [textový dokument (print)] [elektronický dokument] . – ElCerrito (USA) : Seismological Society of America. – ISSN 0037-1106. – ISSN (online) 1943-3573. – Roč. 94, č. 2 (2004), s. 760-768 [tlačená forma] [online]

Počet všetkých autorov: 3

[článok]

Lit.: 7

[OV 091 Fyzika - OV 092 Vedy o Zemi a vesmíre]

Ohlasy (28):

2005 [1/12] / USA - Perez-Ruiz, J. A., Luzon, F., Garcia-Jerez, A. Simulation of an irregular free surface with a displacement finite-difference scheme [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2005, Roč. 95, č. 6, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2216 - 2231

2007 [1/12] / neurčené - Elgamal, A., Pitilakis, K., Raptakis, D., Garnier, J., Madabhushi, S. P. G., Pinto, A., Steidl, J., Stewart, H. E., Stokoe, K. H., Taucer, F., Tokimatsu, K., Wallace, J. W. A review of large-scale testing facilities in geotechnical earthquake engineering In: Earthquake Geotechnical Engineering. Dordrecht: Springer, 2007. - CPCI-S ; SCO ; WOS CC, 93 - 129

2007 [1/12] / neurčené - Chen, X. F. Generation and propagation of seismic SH waves in multi-layered media with irregular interfaces In: Advances in Geophysics, 2007, Roč. 48. - SCIE ; SCO ; WOS CC, 191 - 264

2007 [1/12] / CZE - Perez-Ruiz, J. A., Luzon, F., Garcia-Jerez, A. Scattering of elastic waves in cracked media using a finite difference method [elektronický dokument] In: Studia Geophysica et Geodaetica: a journal of geophysics, meteorology and climatology, geodesy. Praha: Akademie věd České republiky. Geofyzikální ústav AV ČR, 2007, Roč. 51, č. 1, [tlačená forma] [online]. ISSN 0039-3169. ISSN (online) 1573-1626. - SCIE ; SCO ; WOS CC, 59 - 88

2007 [1/12] / neurčené - Virieux, J., Bard, P. -, Modaressi, H. Quantitative seismic hazard assessment In: Earthquake Early Warning Systems. New York: Springer, 2007. - CPCI-S ; SCO ; WOS CC, 153 - 177

2008 [1/12] / GBR - Lombard, B., Piraux, J., Gelis, C., Virieux, J. Free and smooth boundaries in 2-D finite-difference schemes for transient elastic waves [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2008, Roč. 172, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 252 - 261

2011 [1/12] / neurčené - Fichtner, A. Full seismic waveform modelling and inversion : Advances in Geophysical and Environmental Mechanics and Mathematics [textový dokument (print)] . Berlin: Springer, 2011. 1 vyd. - BKCI-S ; WOS CC, 1

2011 [1/12] / GBR - Skarlatoudis, A. A., Papazachos, C. B., Theodoulidis, N. Spatial distribution of site effects and wave propagation properties in Thessaloniki (N. Greece) using a 3-D finite difference method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2011, Roč. 185, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 485 - 513

2016 [1/12] / NLD - Makra, K., Chavez-Garcia, F. J. Site effects in 3D basins using 1D and 2D models: an evaluation of the differences based on simulations of the seismic response of Euroseistest [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European

Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2016, Roč. 14, č. 4, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 1177 - 1194

2017 [1/12] / neurčené - Igel, H. Computational Seismology: A Practical Introduction. BKCI-S Book Citation Index - Science N/A In: Computational Seismology: A Practical Introduction. New York: Oxford Univ Press, 2017. - WOS CC, 1 - 323

2018 [1/12] / GBR - Riga, E., Makra, K., Pitilakis, K. Investigation of the effects of sediments inhomogeneity and nonlinearity on aggravation factors for sedimentary basins [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2018, Roč. 110, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 284 - 299

2012 [1/12] / GBR - Zhang, W., Zhang, Z., Chen, X. Three-dimensional elastic wave numerical modelling in the presence of surface topography by a collocated-grid finite-difference method on curvilinear grids [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2012, Roč. 190, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 358 - 378

2015 [1/12] / NLD - Ducellier, A., Aochi, H. Importance of crustal structure and anelastic attenuation for estimating ground motion parameters by finite difference simulation [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2015, Roč. 13, č. 7, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 1893 - 1911

2015 [1/12] / GBR - Li, H., Zhang, W., Zhang, Z., Chen, X. Elastic wave finite-difference simulation using discontinuous curvilinear grid with non-uniform time step: two-dimensional case [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2015, Roč. 202, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 102 - 118

2015 [1/12] / NLD - Manolis, G., Parvanova, S., Makra, K., Dineva, P. Seismic response of buried metro tunnels by a hybrid FDM-BEM approach [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2015, Roč. 13, č. 7, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 1953 - 1977

2016 [1/12] / GBR - Riga, E., Makra, K., Pitilakis, K. Aggravation factors for seismic response of sedimentary basins: A code-oriented parametric study [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2016, Roč. 91, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 116 - 132

2018 [1/12] / GBR - Elison, P. – van Manen, D.J. – Robertsson, J.O.A. – Dukalski, M.S. – de Vos, K. Marchenko-based immersive wave simulation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2018, Roč. 215, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1118 - 1131

2018 [1/12] / NLD - Pan, Y.D. – Gao, L.L. – Bohlen, T. Time-domain full-waveform inversion of Rayleigh and Love waves in presence of free-surface topography [elektronický dokument]. DOI 10.1016/j.jappgeo.2018.03.006 In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2018, Roč. 152, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, 77 - 85

2018 [1/12] / GBR - Zhu, C.B. – Chavez-Garcia, F.J., Thambiratnam, D. – Gallage, C. Quantifying the edge-induced seismic aggravation in shallow basins relative to the 1D SH modelling [elektronický dokument]. DOI 10.1016/j.soildyn.2018.08.025 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2018, Roč. 115, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 402 - 412

2018 [1/12] / GBR - Zhu, C.B. – Thambiratnam, D. – Gallage, C. Statistical analysis of the additional amplification in deep basins relative to the 1D approach [elektronický dokument]. DOI 10.1016/j.soildyn.2017.09.003 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2018, Roč. 104, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 296 - 306

2019 [1/12] / neurčené - Zhu, C.B., Thambiratnam, D., Gallage, C. Inherent Characteristics of 2D Alluvial Formations Subjected to In-Plane Motion In: Journal of Earthquake Engineering, 2019, Roč. 23, č. 9. - SCIE ; SCO ; WOS CC, 1512 - 1530

2020 [1/12] / neurčené - Zhu, C.B., Riga, E., Pitilakis, K., Zhang, J., Thambiratnam, D. Seismic Aggravation in Shallow Basins in Addition to One-dimensional Site Amplification In: Journal of Earthquake Engineering, 2020, Roč. 24, č. 9. - SCIE ; SCO ; WOS CC, 1477 - 1499

2020 [1/12] / USA - Elison, P. – Borsing, N. – van Manen, D.J. – Robertsson, J.O.A. Modeling and data-driven isolation of two-way wavefield constituents [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2020, Roč. 85, č. 3, 141- [tlačaná forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2020 [1/12] / NLD - Parvanova, S. – Vasilev, G. – Dineva, P. Hybrid modelling of multi-layered geological structure under seismic excitation [elektronický dokument] In: Journal of Seismology. Dordrecht: Springer Nature, 2020, Roč. 24, č. 1, [tlačaná forma] [online]. ISSN 1383-4649. ISSN (online) 1573-157X. - SCIE ; SCO ; WOS CC, 183 - 202

2021 [1/12] / NLD - Makra, Konstantia, Rovithis, Emmanouil, Riga, Evi, Raptakis, Dimitrios, Pitilakis, Kyriazis. Amplification features and observed damages in İzmir (Turkey) due to 2020 Samos (Aegean Sea) earthquake: identifying basin effects and design requirements [elektronický dokument]. DOI 10.1007/s10518-021-01148-3 In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2021, Roč. 19, č. 12, s. 4773-4804 [tlačaná forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCO ; WOS CC ; CCC, 4773 - 4804

2021 [1/20] / USA - Zang, N., Zhang, W., Chen, X. An overset-grid finite-difference algorithm for simulating elastic wave propagation in media with complex free-surface topography [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2021, Roč. 84, č. 4, 277- [tlačaná forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC

2022 [1/20] / GBR - Aji, D. B. H., Wuttke, F., Dineva, P. 3D structure-soil-structure interaction in an arbitrary layered half-space [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2022, č. 159, [tlačaná forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, art. no. 107352

2022 [1/20] / AUT - Manolis, George D., Rangelov, Tsviatko, Dineva, Petia S. Dynamic response of a graded cracked half-plane with embedded sources [elektronický dokument]. DOI 10.1007/s00707-022-03275-7 In: Acta Mechanica. Viedeň: Springer Nature. Springer, 2022, Roč. 233, č. 8, s. 3433-3452 [tlačaná forma] [online]. ISSN 0001-5970. ISSN (online) 1619-6937. - WOS CC ; SCIE ; CCC, 3433 - 3452

ADC_035 / Beauval, Céline (Autor) (25%) - Bard, Pierre-Yves (Autor) (25%) - Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (25%) - Kristek, Jozef (Autor) (25%): Quantification of Frequency-Dependent Lengthening of Seismic Ground-Motion Duration due to Local Geology : Applications to the Volvi Area (Greece). – text, obr. – DOI 10.1785/0120010255. – CCC ; SCO ; WOS CC ; SCIE

In: *Bulletin of the Seismological Society of America* [textový dokument (print)] [elektronický dokument] . – ElCerrito (USA) : Seismological Society of America. – ISSN 0037-1106. – ISSN (online) 1943-3573. – Roč. 93, č. 1 (2003), s. 371-385 [tlačaná forma] [online]

Počet všetkých autorov: 4

[článok]

Lit.: 10

[OV 092 Vedy o Zemi a vesmíre]

Ohlasy (30):

2004 [1/12] / neurčené - Birgoren, G., Irikura, K. Stochastic Green's Function technique with phase dependent site response: Case of the Duzce Basin, Turkey In: Earthquake: Hazard, Risk, and Strong Ground Motion. Beijing: Seismological Press, 2004. - CPCI-S ; WOS CC, 259 - 276

2004 [1/12] / NLD - Raptakis, D., Makra, K., Anastasiadis, A. S., Pitilakis, K. Complex Site Effects in Thessaloniki (Greece): 1. Soil Structure and Comparison of Observations with 1D Analysis [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for

Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2004, Roč. 2, č. 3, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 271 - 290

2005 [1/12] / USA - Birgoren, G., Irikura, K. Estimation of site response in time domain using the Meyer-Yamada wavelet analysis [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2005, Roč. 95, č. 4, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1447 - 1456

2006 [1/12] / GBR - Apostolidis, P. I., Raptakis, D. G., Pandi, K. K., Manakou, M. V., Pitilakis, K. D. Definition of subsoil structure and preliminary ground response in Aigion city (Greece) using microtremor and earthquakes [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2006, Roč. 26, č. 10, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 922 - 940

2006 [3/12] / neurčené - Oliveira, C. S., Roca, A., Goula, X. Assessing and Managing Earthquake Risk [textový dokument (print)] . Berlin: Springer, 2006. 1 vyd.

2008 [1/12] / USA - Nozu, A., Irikura, K. Strong-motion generation areas of a great subduction-zone earthquake: Waveform inversion with empirical Green's functions for the 2003 Tokachi-oki earthquake [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2008, Roč. 98, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 180 - 197

2008 [1/12] / neurčené - Semblat, J. F. Modeling seismic wave propagation in 1D/2D/3D linear and nonlinear media In: 12th International Conference on Computer Methods and Advances in Geomechanics 2008. Delhi: NIDM, 2008. - SCO, 353 - 360

2009 [1/12] / neurčené - Suzuki, W., Iwata, T. Broadband seismic wave radiation process of the 2000 western Tottori, Japan, earthquake revealed from wavelet domain inversion In: Journal of Geophysical Research-Solid Earth, 2009, Roč. 114. - SCIE ; SCO ; WOS CC, Art. No. B08302

2010 [1/12] / GBR - Mundepi, A. K., Galiana-Merino, J. J., Kamal, Lindholm, C. Soil characteristics and site effect assessment in the city of Delhi (India) using H/V and f-k methods [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2010, Roč. 30, č. 7, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 591 - 599

2011 [1/12] / USA - Hata, Y., Nozu, A., Ichii, K. A practical method to estimate strong ground motions after an earthquake, based on site amplification and phase characteristics [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2011, Roč. 101, č. 2, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 688 - 700

2011 [1/12] / NLD - Mahajan, A. K., Galiana-Merino, J. J., Lindholm, C., Arora, B. R., Mundepi, A. K., Rai, N., Chauhan, N. Characterization of the sedimentary cover at the Himalayan foothills using active and passive seismic techniques [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2011, Roč. 73, č. 3, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, 196 - 206

2011 [1/12] / USA - Semblat, J. F. Modeling Seismic Wave Propagation and Amplification in 1D/2D/3D Linear and Nonlinear Unbounded Media [elektronický dokument] In: International journal of geomechanics. Reston: The American Society of Civil Engineers, 2011, Roč. 11, č. 6, [online]. ISSN 1532-3641. ISSN (online) 1943-5622. - SCIE ; SCO ; WOS CC, 440 - 448

2012 [1/12] / GBR - Cavallaro, A., Ferraro, A., Grasso, S., Maugeri, M. Topographic effects on the Monte Po Hill in Catania (Italy) [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2012, Roč. 43, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 97 - 113

2012 [1/12] / NLD - Mahajan, A. K., Mundepi, A. K., Chauhan, N., Jasrotia, A. S., Rai, N., Gachhayat, T. K. Active seismic and passive microtremor HVSR for assessing site effects in Jammu city, NW Himalaya, India-A case study [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2012, Roč. 77, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS

2013 [1/12] / USA - Hoshiba, M. Real-time correction of frequency-dependent site amplification factors for application to earthquake early warning [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2013, Roč. 103, č. 6, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 3179 - 3188

2015 [1/12] / GBR - Abraham, J. R., Lai, C. G., Papageorgiou, A. Basin-effects observed during the 2012 Emilia earthquake sequence in Northern Italy [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2015, Roč. 78, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 230 - 242

2015 [1/12] / neurčené - Polak, M., Obuchowski, J., Madziarz, M., Wylomanska, A., Zimroz, R. Differences in time-varying group delay of seismic signals In: Vibroengineering PROCEEDIA: papers presented at the 27th International Conference on Vibroengineering. Katowice, Poland, 26-28 September, 2017, 2015, Roč. 6. ISSN 2345-0533. - SCO, 206 - 211

2016 [1/12] / NLD - Abraham, J. R., Smerzini, C., Paolucci, R., Lai, C. G. Numerical study on basin-edge effects in the seismic response of the Gubbio valley, Central Italy [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2016, Roč. 14, č. 6, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 1437 - 1459

2016 [1/12] / USA - Pilz, M., Parolai, S. Ground-motion forecasting using a reference station and complex site-response functions accounting for the shallow geology [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2016, Roč. 106, č. 4, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1570 - 1583

2016 [1/12] / LTU - Polak, M., Obuchowski, J., Madziarz, M., Wylomanska, A., Zimroz, R. Time-varying group delay as a basis for clustering and segmentation of seismic signals [elektronický dokument] In: Journal of Vibroengineering: Theoretical & practical aspects of Vibration Engineering. Kaunas: Kauno Technologijos Universitetas, 2016, Roč. 18, č. 1, [tlačená forma]. ISSN 1392-8716. ISSN (online) 2538-8460. - SCIE ; SCO ; WOS CC, 267 - 275

2017 [1/12] / USA - Madiari, C. – Facciorusso, J. – Gargini, E. Numerical Modeling of Seismic Site Effects in a Shallow Alluvial Basin of the Northern Apennines (Italy) [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2017, Roč. 107, č. 5, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2094 - 2105

2017 [1/12] / GBR - Pilz, M. – Parolai, S. – Petrovic, B. – Silacheva, N. – Abakanov, T. – Orunbaev, S. – Moldobekov, B. Basin-edge generated Rayleigh waves in the Almaty basin and corresponding consequences for ground motion amplification [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 213, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 301 - 316

2019 [1/12] / GBR - Dai, M.H. – Li, Y.M. – Liu, S.Y. – Dong, Y.F. Identification of Far-Field Long-Period Ground Motions Using Phase Derivatives [elektronický dokument] In: Advances in Civil Engineering. London: Hindawi Publishing Corporation, 2019, Roč. 2019, [tlačená forma] [online]. ISSN 1687-8086. ISSN (online) 1687-8094. - SCIE ; SCO ; WOS CC, Art. No. 1065830

2019 [1/12] / GBR - Meza-Fajardo, K.C. – Varone, C. – Lenti, L. – Martino, S. – Semblat, J.F. Surface wave quantification in a highly heterogeneous alluvial basin: Case study of the Fosso di Vallerano valley, Rome, Italy [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2019, Roč. 120, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 292 - 300

2021 [1/12] / GBR - Kumar, S., Singh, P., Sushil, R., Singh, P., Tiwari, A. Microtremor measurement to evaluate site characteristics by horizontal to vertical spectral ratio technique in Sikkim, Northeast Himalayas, India In: Quaternary International: the journal of the International Union for Quaternary Research. Oxford: Elsevier. Pergamon Press, 2021, Roč. 585, [tlačená forma]. ISSN 1040-6182. - SCIE ; SCO ; WOS CC, 134 - 142

2021 [1/12] / GBR - De Martin, F., Chaljub, E., Thierry, P., Sochala, P., Dupros, F., Maufroy, E., Hadri, B., Benaichouche, A., Hollender, F. Influential parameters on 3-D synthetic ground motions in a sedimentary basin derived from global sensitivity analysis [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2021, Roč. 227, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1795 - 1817

2023 [1/20] / NLD - Attolico, D., Cultrera, G., De Rubeis, V., Famiani, D., Del Gaudio, V. Multivariate statistical analysis of site effect indicators for the Montereale and Capitignano area (AQ) following the seismic sequence in central Italy (2016-2017) [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2023, Roč. 21, č. 4, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 1875 - 1901

2023 [1/20] / USA - Pilz, M., Cotton, F., Zhu, C., Nakano, K., Kawase, H. Deriving Site Effect-Free Hard-Rock Time Histories in Japan from the Generalized Inversion Technique [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2023, Roč. 113, č. 2, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 732 - 744

2023 [1/20] / GBR - Laurenzano, Giovanna, Garbin, Marco, Parolai, Stefano, Barnaba, Carla, Romanelli, Marco, Froner, Luca. High-resolution local seismic zonation by cluster and correlation analysis [elektronický dokument]. DOI 10.1016/j.soildyn.2023.108122 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2023, č. 173, art. no. 108122 [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCO ; WOS CC ; CCC ; SCIE, art. no. 108122

2023 [1/20] / USA - Nozu, Atsushi. Use of Fourier phase characteristics and effective stress analyses for post-earthquake ground motion estimation: application to ESG6 blind prediction steps 2&3 dataset and JMA accelerometric data [elektronický dokument]. DOI 10.1186/s40623-023-01854-z In: Earth, Planets and Space. New York: Springer Nature, 2023, Roč. 75, č. 1, art. no. 101 [tlačená forma] [online]. ISSN 1343-8832. ISSN (online) 1880-5981. - SCO ; WOS CC ; SCIE ; CCC, art. no. 101

ADC_036 / Kristek, Jozef (Autor) (50%) - Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (50%): Seismic-wave propagation in viscoelastic media with material discontinuities : a 3D fourth-order staggered-gird finite-differential modeling. – text. – DOI 10.1785/0120030023. – CCC ; SCO ; WOS CC ; SCIE
In: *Bulletin of the Seismological Society of America* [textový dokument (print)] [elektronický dokument] . – ElCerrito (USA) : Seismological Society of America. – ISSN 0037-1106. – ISSN (online) 1943-3573. – Roč. 93, č. 5 (2003), s. 2273-2280 [tlačená forma] [online]
Počet všetkých autorov: 2
[článok]
Lit.: 15
[OV 092 Vedy o Zemi a vesmíre]

Ohlasy (153):

2005 [1/12] / USA - Saenger, E. H., Shapiro, S. A., Keehm, Y. Seismic effects of viscous Biot-coupling: Finite difference simulations on micro-scale [elektronický dokument] In: Geophysical Research Letters. Washington: John Wiley & Sons. American Geophysical Union, 2005, Roč. 32, č. 14, [tlačená forma] [online]. ISSN 0094-8276. ISSN (online) 1944-8007. - SCIE ; SCO ; WOS CC, Art. No. L14310

2005 [1/12] / neurčené - Saenger, E. H., Keehm, Y., Kruger, O. S., Shapiro, S. A. Fluid effects on wave propagation: A viscoelastic modeling approach In: 67th European Association of Geoscientists and Engineers, EAGE Conference and Exhibition, incorporating SPE EUROPE2005-Extended Abstracts. Houten: European Association of Geoscientists & Engineers, 2005. - SCO, 2631 - 2634

2005 [1/12] / neurčené - Saenger, E. H., Keehm, Y., Kruger, O. S., Shapiro, S. A. Numerical considerations of fluid effects on wave propagation: Influence of the tortuosity and the viscosity In: Poromechanics 3: Biot Centennial (1905-2005) - Proceedings of the 3rd Biot Conference on Poromechanics. Leiden: Taylor & Francis Group, 2005. - SCO, 195 - 200

2006 [1/12] / USA - Pousse, G., Bonilla, L. F., Cotton, F., Margerin, L. Nonstationary stochastic simulation of strong ground motion time histories including natural variability: Application to the K-net Japanese database [elektronický dokument] In: Bulletin of the Seismological Society of America.

ElCerrito: Seismological Society of America, 2006, Roč. 96, č. 6, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2103 - 2117

2006 [1/12] / neurčené - Saenger, E. H., Keehm, Y. S., Shapiro, S. E. A. Considerations of the biot velocity relations: Viscous finite-difference calculations in combination with flow Simulations In: High Performance Computing in Science and Engineering '05. Berlin: Springer, 2006, 279-. - CPCI-S ; SCO ; WOS CC

2006 [3/12] / neurčené - Stupazzini, M. 3D ground motion simulation of the Grenoble valley by GeoELSE In: ESG 2006 : Third International Symposium on the Effects of Surface Geology on Seismic Motion : Proceedings. Paris: Laboratoire Central des Ponts et Chaussées, 2006, 15

2006 [1/12] / neurčené - Stupazzini, M., Zambelli, C., Massidda, L., Paolucci, R., Maggio, F., Di Prisco, C. The spectral element method as an effective tool for solving large scale dynamic soil-structure interaction problems In: 8th US National Conference on Earthquake Engineering 2006. [S.l.]: Curran Associates, 2006. - SCO, 7954 - 7963

2007 [3/12] / neurčené - de la Puente, J. Seismic wave simulation for complex rheologies on unstructured meshes [textový dokument (print)] . München: Ludwig-Maximilians-Universität, 2007. 1 vyd.

2007 [1/12] / GBR - Dumbser, M., Kaser, M., de la Puente, J. Arbitrary high-order finite volume schemes for seismic wave propagation on unstructured meshes in 2D and 3D [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2007, Roč. 171, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 665 - 694

2007 [1/12] / GBR - Kaser, M., Dumbser, M., de la Puente, J., Igel, H. An arbitrary high-order discontinuous Galerkin method for elastic waves on unstructured meshes - 3. Viscoelastic attenuation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2007, Roč. 168, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 224 - 242

2007 [1/12] / GBR - Roten, D., Fah, D. A combined inversion of Rayleigh wave dispersion and 2-D resonance frequencies [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2007, Roč. 168, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1261 - 1275

2010 [1/12] / GBR - Bielak, J., Graves, R. W., Olsen, K. B., Taborda, R., Ramirez-Guzman, L., Day, S. M., Ely, G. P., Roten, D., Jordan, T. H., Maechling, P. J., Urbanic, J., Cui, Y. F., Juve, G. The ShakeOut earthquake scenario: Verification of three simulation sets [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2010, Roč. 180, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 375 - 404

2007 [1/12] / USA - di Prisco, C., Stuppazzini, M., Zambelli, C. Nonlinear SEM numerical analyses of dry dense sand specimens under rapid and dynamic loading [elektronický dokument] In: International Journal for Numerical and Analytical Methods in Geomechanics. Hoboken: John Wiley & Sons, 2007, Roč. 31, č. 6, [tlačená forma] [online]. ISSN 0363-9061. ISSN (online) 1096-9853. - SCIE ; SCO ; WOS CC, 757 - 788

2007 [1/12] / neurčené - Chaljub, E., Komatitsch, D., Vilotte, J. P., Capdeville, Y., Valette, B. Spectral-element analysis in seismology In: Advances in Geophysics, 2007, Roč. 48. - SCIE ; SCO ; WOS CC, 365 - 419

2007 [1/12] / USA - Ichimura, T., Hori, M., Kuwamoto, H. Earthquake motion simulation with multiscale finite-element analysis on hybrid grid [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2007, Roč. 97, č. 4, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1133 - 1143

2007 [1/12] / USA - Saenger, E. H., Ciz, R., Kruger, O. S., Schmalholz, S. M., Gurevich, B., Shapiro, S. A. Finite-difference modeling of wave propagation on microscale: A snapshot of the work in progress [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2007, Roč. 72, č. 5, [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2008 [1/12] / NLD - Hori, M., Ichimura, T. Current state of integrated earthquake simulation for earthquake hazard and disaster [elektronický dokument] In: Journal of Seismology. Dordrecht: Springer Nature, 2008, Roč. 12, č. 2, [tlačená forma] [online]. ISSN 1383-4649. ISSN (online) 1573-157X. - SCIE ; SCO ; WOS CC, 307 - 321

2009 [1/12] / GBR - Fichtner, A., Kennett, B. L. N., Igel, H., Bunge, H. P. Full seismic waveform tomography for upper-mantle structure in the Australasian region using adjoint methods [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2009, Roč. 179, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1703 - 1725

2009 [1/12] / NLD - Fichtner, A., Igel, H., Bunge, H.-P., Kennett, B. L. N. Simulation and inversion of seismic wave propagation on continental scales based on a spectral-element method In: Journal of Numerical Analysis, Industrial and Applied Mathematics. Amsterdam: Elsevier, 2009, Roč. 4, č. 1-2, [online]. ISSN 1790-8140. ISSN 1790-8159. - SCO, 11 - 22

2009 [1/12] / neurčené - Hori, M., Oguni, K., Ichimura, T. Integrated simulation for earthquake hazard and disaster prediction In: Journal of Earthquake and Tsunami, 2009, Roč. 3, č. 3. - SCIE ; SCO ; WOS CC, 121 - 141

2009 [1/12] / GBR - Ichimura, T., Hori, M., Bielak, J. A hybrid multiresolution meshing technique for finite element three-dimensional earthquake ground motion modelling in basins including topography [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2009, Roč. 177, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1221 - 1232

2009 [1/12] / neurčené - Saenger, E. H., Enzmann, F., Keehm, Y. Numerical estimation of effective properties of rocks using 3D tomographic images In: Society of Petroleum Engineers - 71st European Association of Geoscientists and Engineers Conference and Exhibition 2009, 2009, Roč. 6. - SCO, 3923 - 3927

2009 [1/12] / neurčené - Saenger, E. H., Enzmann, F., Keehm, Y. Computational determination of effective properties of rocks using 3D tomographic images In: SEG Technical Program Expanded Abstracts, 2009, Roč. 28, č. 1. - SCO, 2155 - 2159

2010 [1/12] / neurčené - Jafargandomi, A., Takenaka, H. Three component 1D viscoelastic FDM for plane-wave oblique incidence In: Advances in Geosciences: Vol. 20. Singapore: World Scientific, 2010. - SCO, 299 - 312

2011 [1/12] / neurčené - Prieto, F. U., Munoz, J. J. B., Corvinos, L. G., Casino, E. S., Acevedo, A. C. Estudio de la estabilidad y dispersion del problema de propagacion de ondas sismicas en 2-D utilizando el metodo de diferencias finitas generalizadas In: Revista Internacional de Metodos Numericos para Calculo y Diseno en Ingenieria, 2011, Roč. 27, č. 4. - SCIE ; SCO ; WOS CC, 269 - 277

2012 [1/12] / NLD - Toyokuni, G., Takenaka, H. Accurate and efficient modeling of global seismic wave propagation for an attenuative Earth model including the center [elektronický dokument] In: Physics of the Earth and Planetary Interiors: a journal devoted to observational and experimental studies of the earth and planetary interiors and their theoretical interpretation by the physical sciences. Amsterdam: Elsevier, 2012, Roč. 200-201, [tlačená forma] [online]. ISSN 0031-9201. ISSN (online) 1872-7395. - SCIE ; SCO ; WOS CC, 45 - 55

2013 [1/12] / HRV - Narayan, J. P., Kumar, V. A fourth-order accurate finite-difference program for the simulation of SH-wave propagation in heterogeneous viscoelastic medium [elektronický dokument] In: Geofizika. Zagreb: Geofizički zavod, 2013, Roč. 30, č. 2, [tlačená forma] [online]. ISSN 0352-3659. ISSN (online) 1846-6346. - SCIE ; SCO ; WOS CC, 173 - 189

2014 [1/12] / POL - Shiuly, A., Kumar, V., Narayan, J. P. Computation of ground motion amplification in Kolkata megacity (India) using finite-difference method for seismic microzonation [elektronický dokument] In: Acta Geophysica. Varšava: Springer Nature. Springer International Publishing AG, 2014, Roč. 62, č. 3, [tlačená forma] [online]. ISSN 1895-6572. ISSN (online) 1895-7455. - SCIE ; SCO ; WOS CC, 425 - 450

2012 [1/12] / GBR - Le Roux, O., Cornou, C., Jongmans, D., Schwartz, S. 1-D and 2-D resonances in an Alpine valley identified from ambient noise measurements and 3-D modelling [elektronický dokument] In:

Geophysical Journal International. Oxford: Oxford University Press, 2012, Roč. 191, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 579 - 590

2014 [1/12] / GBR - van Driel, M., Nissen-Meyer, T. Optimized viscoelastic wave propagation for weakly dissipative media [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2014, Roč. 199, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1078 - 1093

2010 [1/12] / GBR - Michea, D., Komatitsch, D. Accelerating a three-dimensional finite-difference wave propagation code using GPU graphics cards [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2010, Roč. 182, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 389 - 402

2014 [1/12] / USA - Kalyani, V. K., Pallavika, Chakraborty, S. K. Finite-difference time-domain method for modelling of seismic wave propagation in viscoelastic media [elektronický dokument] In: Applied Mathematics and Computation. Amsterdam: Elsevier, 2014, Roč. 237, [tlačená forma] [online]. ISSN 0096-3003. ISSN (online) 1873-5649. - SCIE ; SCO ; WOS CC, 133 - 145

2012 [1/12] / USA - Skarlatoudis, A. A., Papazachos, C. B., Theodoulidis, N. Site-response study of Thessaloniki (Northern Greece) for the 4 July 1978 M 5.1 aftershock of the June 1978 M 6.5 sequence using a 3D finite-difference approach [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2012, Roč. 102, č. 2, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 722 - 737

2015 [1/12] / NLD - Ducellier, A., Aochi, H. Importance of crustal structure and anelastic attenuation for estimating ground motion parameters by finite difference simulation [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2015, Roč. 13, č. 7, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 1893 - 1911

2010 [1/12] / neurčené - Kapicka, A., Petrovsky, E., Fialova, H., Kodesova, R. Factors influencing reliability of magnetic pollution mapping - A review In: Advances in Geosciences: Vol. 20. Singapore: World Scientific, 2010. - SCO, 273 - 282

2011 [1/12] / USA - Bielak, J., Karaoglu, H., Taborda, R. Memory-efficient displacement-based internal friction for wave propagation simulation [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2011, Roč. 76, č. 6, 131- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2011 [1/12] / neurčené - Cao, D., Yin, X. Q reflections modeling with generalized Maxwell model in time domain In: SEG Technical Program Expanded Abstracts, 2011, Roč. 30, č. 1. - SCO, 2819 - 2823

2011 [1/12] / USA - Dhemaied, A., Rejiba, F., Camerlynck, C., Bodet, L., Guerin, R. Seismic-Wave propagation modeling in viscoelastic media using the auxiliary differential equation method [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2011, Roč. 101, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 413 - 420

2011 [1/12] / neurčené - Pal, P. C., Mandal, D. Torsional body forces in a kelvin-Voigt-type visco-elastic half space In: Control, Computation and Information Systems : Communications in Computer and Information Science. Berlin: Springer, 2011. - CPCI-S ; SCO ; WOS CC, 145 - 151

2011 [1/12] / NLD - Saenger, E. H., Enzmann, F., Keehm, Y., Steeb, H. Digital rock physics: Effect of fluid viscosity on effective elastic properties [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2011, Roč. 74, č. 4, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, 236 - 241

2011 [1/12] / GBR - Skarlatoudis, A. A., Papazachos, C. B., Theodoulidis, N. Spatial distribution of site effects and wave propagation properties in Thessaloniki (N. Greece) using a 3-D finite difference method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2011, Roč. 185, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 485 - 513

2012 [1/12] / neurčené - Lai, C. G., Ozcebe, A. G. In-situ measurement of damping ratio spectra from the inversion of phase velocities of P and S waves in cross-hole seismic testing In: Advances in Transportation Geotechnics 2. Boca Raton: CRC Press, 2012. - SCO, 578 - 582

2012 [1/12] / neurčené - Petersson, N. A., Sjogreen, B. Stable and efficient modeling of anelastic attenuation in seismic wave propagation [elektronický dokument] In: Communications in Computational Physics, 2012, Roč. 12, č. 1, [tlačená forma]. ISSN 1815-2406. ISSN (online) 1991-7120. - SCIE ; SCO ; WOS CC, 193 - 225

2013 [1/12] / neurčené - Aochi, H., Ulrich, T., Ducellier, A., Dupros, F., Michea, D. Finite difference simulations of seismic wave propagation for understanding earthquake physics and predicting ground motions: Advances and challenges In: 24th IUPAP Conference on Computational Physics : Journal of Physics Conference Series. Bristol: IOP Publishing Ltd, 2013. - CPCI-S ; SCO ; WOS CC, Art. No. 012010

2013 [1/12] / HRV - Kumar, V., Narayan, J. P. Study of combined effects of sediment rheology and anticlinal basement topography on ground motion characteristics [elektronický dokument] In: Geofizika. Zagreb: Geofizički zavod, 2013, Roč. 30, č. 1, [tlačená forma] [online]. ISSN 0352-3659. ISSN (online) 1846-6346. - SCIE ; SCO ; WOS CC, 75 - 93

2013 [1/12] / neurčené - Wenk, S., Pelties, C., Igel, H., Kaeser, M. Regional wave propagation using the discontinuous Galerkin method [elektronický dokument] In: Solid Earth: an Interactive Open-access Journal of the European Geosciences Union, 2013, Roč. 4, č. 1, [tlačená forma]. ISSN 1869-9510. ISSN (online) 1869-9529. - SCIE ; SCO ; WOS CC, 43 - 57

2014 [1/12] / USA - Bu, F., Lin, J., Reitich, F. A fast and high-order method for the three-dimensional elastic wave scattering problem [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2014, Roč. 258, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 856 - 870

2014 [1/12] / USA - Cao, D., Yin, X. Equivalence relations of generalized rheological models for viscoelastic seismic-wave modeling [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2014, Roč. 104, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 260 - 268

2014 [1/12] / USA - Chen, H., Zhou, H., Li, Y. Application of unsplit convolutional perfectly matched layer for scalar arbitrarily wide-angle wave equation [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2014, Roč. 79, č. 6, 313- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2014 [1/12] / NLD - Ham, S., Lai, B., Bathe, K. J. The method of finite spheres for wave propagation problems In: Computers & Structures: Solids • Structures • Fluids • Multiphysics. Amsterdam: Elsevier, 2014, Roč. 142, [tlačená forma]. ISSN 0045-7949. - SCIE ; SCO ; WOS CC, 1 - 14

2014 [1/12] / neurčené - Li, Z., Li, Q., Huang, J., Li, N., Tian, K. A stable and high-precision dual-variable grid forward modeling and reverse time migration method In: Geophysical Prospecting for Petroleum, 2014, Roč. 53, č. 2. - SCO, 127 - 136

2014 [1/12] / NLD - Narayan, J. P., Kumar, V. A numerical study of effects of ridge-weathering and ridge-shape-ratio on the ground motion characteristics [elektronický dokument] In: Journal of Seismology. Dordrecht: Springer Nature, 2014, Roč. 19, č. 1, [tlačená forma] [online]. ISSN 1383-4649. ISSN (online) 1573-157X. - SCIE ; SCO ; WOS CC, 83 - 104

2014 [1/12] / USA - Narayan, J. P., Kumar, R. Spatial spectral amplification of basin-transduced Rayleigh waves [elektronický dokument] In: Natural Hazards. New York: Springer Nature. Springer, 2014, Roč. 71, č. 1, [tlačená forma] [online]. ISSN 0921-030X. ISSN (online) 1573-0840. - SCIE ; SCO ; WOS CC, 751 - 765

2014 [1/12] / POL - Narayan, J. P., Kumar, V. Study of combined effects of sediment rheology and basement focusing in an unbounded viscoelastic medium using P-SV-wave finite-difference modelling [elektronický dokument] In: Acta Geophysica. Varšava: Springer Nature. Springer International Publishing AG, 2014, Roč. 62, č. 6, [tlačená forma] [online]. ISSN 1895-6572. ISSN (online) 1895-7455. - SCIE ; SCO ; WOS CC, 1214 - 1245

- 2014 [1/12] / neurčené** - Peyrusse, F., Glinsky, N., Gelis, C., Lanteri, S. A high-order discontinuous Galerkin method for viscoelastic wave propagation In: Lecture Notes in Computational Science and Engineering, 2014, Roč. 95. - SCO, 361 - 371
- 2014 [1/12] / USA** - Sahar, D., Narayan, J. P., Kumar, N. Study of role of basin shape in the site-city interaction effects on the ground motion characteristics [elektronický dokument] In: Natural Hazards. New York: Springer Nature. Springer, 2014, Roč. 75, č. 2, [tlačená forma] [online]. ISSN 0921-030X. ISSN (online) 1573-0840. - SCIE ; SCO ; WOS CC, 1167 - 1186
- 2016 [1/12] / GBR** - Asano, K., Sekiguchi, H., Iwata, T., Yoshimi, M., Hayashida, T., Saomoto, H., Horikawa, H. Modelling of wave propagation and attenuation in the Osaka sedimentary basin, western Japan, during the 2013 Awaji Island earthquake [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 204, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1678 - 1694
- 2016 [1/12] / NLD** - Makra, K., Chavez-Garcia, F. J. Site effects in 3D basins using 1D and 2D models: an evaluation of the differences based on simulations of the seismic response of Euroseistest [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2016, Roč. 14, č. 4, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 1177 - 1194
- 2016 [1/12] / GBR** - Riga, E., Makra, K., Pitilakis, K. Aggravation factors for seismic response of sedimentary basins: A code oriented parametric study [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2016, Roč. 91, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 116 - 132
- 2017 [1/12] / neurčené** - Igel, H. Computational Seismology: A Practical Introduction. BKCI-S Book Citation Index - Science N/A In: Computational Seismology: A Practical Introduction. New York: Oxford Univ Press, 2017. - WOS CC, 1 - 323
- 2019 [1/12] / neurčené** - Xie, Z.N., Zheng, Y.L., Zhang, X.B., Tang, L.H. Weak-form time-domain perfectly matched layer for numerical simulation of viscoelastic wave propagation in infinite-domain In: Chinese Journal of Geophysics, 2019, Roč. 62, č. 8. - SCIE ; SCO ; WOS CC, 3140 - 3154
- 2016 [1/12] / USA** - Bai, T., Tsvankin, I. Time-domain finite-difference modeling for attenuative anisotropic media [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2016, Roč. 81, č. 2, 69- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC
- 2016 [1/12] / GBR** - Yang, P., Brossier, R., Metivier, L., Virieux, J. A review on the systematic formulation of 3-D multiparameter full waveform inversion in viscoelastic medium [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 207, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 129 - 149
- 2018 [1/12] / NLD** - Yuan, S.C. – Song, X.H. – Cai, W. – Hu, Y. Analysis of attenuation and dispersion of Rayleigh waves in viscoelastic media by finite-difference modeling [elektronický dokument]. DOI 10.1016/j.jappgeo.2017.11.010 In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2018, Roč. 148, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, 115 - 126
- 2018 [1/12] / GBR** - Zhu, C.B. – Chavez-Garcia, F.J., Thambiratnam, D. – Gallage, C. Quantifying the edge-induced seismic aggravation in shallow basins relative to the 1D SH modelling [elektronický dokument]. DOI 10.1016/j.soildyn.2018.08.025 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2018, Roč. 115, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 402 - 412
- 2018 [1/12] / GBR** - Zhu, C.B. – Thambiratnam, D. – Gallage, C. Statistical analysis of the additional amplification in deep basins relative to the 1D approach [elektronický dokument]. DOI 10.1016/j.soildyn.2017.09.003 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2018, Roč. 104, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 296 - 306

2019 [1/12] / neurčené - Zhu, C.B., Thambiratnam, D., Gallage, C. Inherent Characteristics of 2D Alluvial Formations Subjected to In-Plane Motion In: Journal of Earthquake Engineering, 2019, Roč. 23, č. 9. - SCIE ; SCO ; WOS CC, 1512 - 1530

2020 [1/12] / neurčené - Seriani, G. – Oliveira, S.P. Numerical modeling of mechanical wave propagation In: Rivista del Nuovo Cimento, 2020, Roč. 43, č. 9. - SCIE ; SCO ; WOS CC, 459 - 514

2015 [1/12] / neurčené - Ferrer, M., de la Puente, J., Farres, A., Castillo, J. E. 3D viscoelastic anisotropic seismic modeling with high-order mimetic finite differences In: Spectral and High Order Methods for Partial Differential Equations : Lecture Notes in Computational Science and Engineering. Berlin: Springer, 2015. - CPCI-S ; SCO ; WOS CC, 217 - 225

2015 [1/12] / CHN - He, B., Wu, G. The seismic forward modeling using Born approximation equation based on rheological body In: Dizhen xuebao. [s.l.]: Acta Seismologica Sinica Press, 2015, [tlačená forma]. ISSN 0253-3782. - SCO, 661 - 677

2015 [1/12] / NLD - Kamal, Narayan, J. P. 3D basin-shape ratio effects on frequency content and spectral amplitudes of basin-generated surface waves and associated spatial ground motion amplification and differential ground motion [elektronický dokument] In: Journal of Seismology. Dordrecht: Springer Nature, 2015, Roč. 19, č. 2, [tlačená forma] [online]. ISSN 1383-4649. ISSN (online) 1573-157X. - SCIE ; SCO ; WOS CC, 293 - 316

2015 [1/12] / neurčené - Li, Q., Huang, J., Li, Z., Li, N., Qu, Y., Su, Y. Acoustic wave numerical simulation in pseudo-depth domain In: Shiyou Diqiu Wuli Kantan/Oil Geophysical Prospecting, 2015, Roč. 50, č. 2. - SCO, 283 - 289

2015 [1/12] / NLD - Manolis, G. D., Parvanova, S. L., Makra, K., Dineva, P. S. Seismic response of buried metro tunnels by a hybrid FDM-BEM approach [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2015, Roč. 13, č. 7, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 1953 - 1977

2015 [1/12] / POL - Narayan, J. P., Arafat, M. Y., Kamal. A Numerical Study of Effects of Valley-Weathering and Valley-Shape-Ratio on the Ground Motion Characteristics [elektronický dokument] In: Acta Geophysica. Varšava: Springer Nature. Springer International Publishing AG, 2015, Roč. 63, č. 1, [tlačená forma] [online]. ISSN 1895-6572. ISSN (online) 1895-7455. - SCIE ; SCO ; WOS CC, 154 - 175

2015 [1/12] / NLD - Narayan, J. P., Kumar, V. A numerical study of effects of ridge-weathering and ridge-shape-ratio on the ground motion characteristics [elektronický dokument] In: Journal of Seismology. Dordrecht: Springer Nature, 2015, Roč. 19, č. 1, [tlačená forma] [online]. ISSN 1383-4649. ISSN (online) 1573-157X. - SCIE ; SCO ; WOS CC, 83 - 104

2015 [1/12] / USA - Narayan, J. P., Kumar, D., Sahar, D. Effects of complex interaction of Rayleigh waves with tunnel on the free surface ground motion and the strain across the tunnel-lining [elektronický dokument] In: Natural Hazards. New York: Springer Nature. Springer, 2015, Roč. 79, č. 1, [tlačená forma] [online]. ISSN 0921-030X. ISSN (online) 1573-0840. - SCIE ; SCO ; WOS CC, 479 - 495

2015 [1/12] / HRV - Narayan, J. P., Kamal. Quantification of effects of geometry of sediment bedrock interface on ground motion in 3D basin with circular free surface [elektronický dokument] In: Geofizika. Zagreb: Geofizički zavod, 2015, Roč. 32, č. 1, [tlačená forma] [online]. ISSN 0352-3659. ISSN (online) 1846-6346. - SCIE ; SCO ; WOS CC, 1 - 25

2015 [1/12] / USA - Sahar, D., Narayan, J. P., Kumar, N. Study of role of basin shape in the site-city interaction effects on the ground motion characteristics [elektronický dokument] In: Natural Hazards. New York: Springer Nature. Springer, 2015, Roč. 75, č. 2, [tlačená forma] [online]. ISSN 0921-030X. ISSN (online) 1573-0840. - SCIE ; SCO ; WOS CC, 1167 - 1186

2015 [1/12] / USA - Withers, K. B., Olsen, K. B., Day, S. M. Memory-Efficient Simulation of Frequency-Dependent Q [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2015, Roč. 105, č. 6, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 3129 - 3142

2016 [1/12] / GBR - Blanc, E., Komatitsch, D., Chaljub, E., Lombard, B., Xie, Z. Highly accurate

stability-preserving optimization of the Zener viscoelastic model, with application to wave propagation in the presence of strong attenuation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 205, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 427 - 439

2016 [1/12] / GBR - Fan, N., Zhao, L. F., Xie, X. B., Ge, Z., Yao, Z. X. Two-dimensional time-domain finite-difference modeling for viscoelastic seismic wave propagation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 206, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1539 - 1551

2016 [1/12] / USA - Chen, H., Zhou, H., Zhang, Q., Xia, M., Li, Q. A k-space operator-based least-squares staggered-grid finite-difference method for modeling scalar wave propagation [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2016, Roč. 81, č. 2, 45- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2016 [1/12] / neurčené - Kamal, Narayan, J. P. Study of Effects of Sediment-Damping, Impedance Contrast, and Size of Semi-Spherical Basin on the Focusing and Trapping of the Basin-Generated Surface Waves In: Journal of Earthquake Engineering, 2016, Roč. 20, č. 3. - SCIE ; SCO ; WOS CC, 406 - 427

2016 [1/12] / USA - Li, Y., Han, B., Metivier, L., Brossier, R. Optimal fourth-order staggered-grid finite-difference scheme for 3D frequency-domain viscoelastic wave modeling [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2016, Roč. 321, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 1055 - 1078

2016 [1/12] / neurčené - Narayan, J. P., Singh, P. K., Kamal. Effects of basin parameters on the spatial variation of characteristics of basin generated Rayleigh waves In: International Journal of Geo-Engineering, 2016, Roč. 7, č. 1. - SCIE ; WOS CC, Art. No. 17

2016 [1/12] / neurčené - Parvanova, S. L., Vasilev, G. P., Dineva, P. S., Manolis, G. D. Dynamic analysis of nano-heterogeneities in a finite-sized solid by boundary and finite element methods In: International journal of solids and structures, 2016, Roč. 80, [tlačená forma]. ISSN 0020-7683. - SCIE ; SCO ; WOS CC, 1 - 18

2016 [1/12] / NLD - Sahar, D., Narayan, J. P. Quantification of focusing effects of the semi-spherical and semi-cylindrical synclinal basement topography on ground motion characteristics [elektronický dokument] In: Journal of Seismology. Dordrecht: Springer Nature, 2016, Roč. 20, č. 1, [tlačená forma] [online]. ISSN 1383-4649. ISSN (online) 1573-157X. - SCIE ; SCO ; WOS CC, 167 - 183

2016 [1/12] / USA - Sahar, D., Narayan, J. P. Quantification of modification of ground motion due to urbanization in a 3D basin using viscoelastic finite-difference modelling [elektronický dokument] In: Natural Hazards. New York: Springer Nature. Springer, 2016, Roč. 81, č. 2, [tlačená forma] [online]. ISSN 0921-030X. ISSN (online) 1573-0840. - SCIE ; SCO ; WOS CC, 779 - 806

2016 [1/12] / ROM - Stanescu, M. M. Kelvin Model Equivalent to a Body with Viscoelastic Behaviour In: Materiale Plastice. Bukurešť: Revista de chimie SRL, 2016, Roč. 53, č. 2, [tlačená forma]. ISSN 0025-5289. - SCIE ; SCO ; WOS CC, 235 - 239

2016 [1/12] / CHN - Xie, J., Sun, C., Wu, D., Qiao, Z. Love wave modeling in viscoelastic media with unsplit CFS-CPML conditions In: Dizhen xuebao. [s.l.]: Acta Seismologica Sinica Press, 2016, [tlačená forma]. ISSN 0253-3782. - SCO, 244 - 258

2016 [1/12] / neurčené - Zhong, W., Liu, T. L. Application of an Investigated Lump Method to the Simulation of Ground Motion For Beichuan Town During the Wenchuan Earthquake In: Journal of Earthquake and Tsunami, 2016, Roč. 10, č. 1. - SCIE ; SCO ; WOS CC, Art. No. 1650002

2017 [1/12] / neurčené - Aochi, A. – Douglas, J. – Ulrich, T. Stress accumulation in the Marmara Sea estimated through ground-motion simulations from dynamic rupture scenarios In: Journal of Geophysical Research-Solid Earth, 2017, Roč. 122, č. 3. - SCIE ; SCO ; WOS CC, 2219 - 2235

2017 [1/12] / neurčené - Dewangan, N. – Sahu, S.A. On phase velocity of Love type Waves in Heterogeneous Visco-elastic Medium In: Plasticity and Impact Mechanics; Procedia Engineering Vol.

173. Amsterdam: Elsevier, 2017. - CPCI-S ; SCO ; WOS CC, 1034 - 1041

2017 [1/12] / neurčené - Guo, P. – McMechan, G.A. Evaluation of Three First-Order Isotropic Viscoelastic Formulations Based on the Generalized Standard Linear Solid In: Journal of Seismic Exploration, 2017, Roč. 26, č. 3. ISSN 09630651. - SCIE ; SCO ; WOS CC, 199 - 226

2017 [1/12] / neurčené - Kamal – Rani, K. Study of Effects of Basin Shape, Shape-Ratio and Angle of Incidence of SH-Wave on Ground Motion Characteristics and Aggravation Factors In: Journal of Indian Geophysical Union, 2017, Roč. 21, č. 6. - ESCI ; WOS CC, 490 - 499

2017 [1/12] / neurčené - Tobin, J. – Breuer, A. – Heinecke, A. – Yount, C. – Cui, Y.F. Accelerating Seismic Simulations Using the Intel Xeon Phi Knights Landing Processor In: High performance computing : (ISC high performance 2017) ; Lecture Notes in Computer Science. Cham: Springer, 2017. - CPCI-S ; SCO ; WOS CC, 139 - 157

2017 [1/12] / NLD - Xiong, Z.Q. – Li, Y.Q. – Pan, L.L. – Yu, J.H. – Lu, S.R. An analytical study of mechanical behavior of polypropylene/calcium carbonate composites under uniaxial tension and three-point bending [elektronický dokument]. DOI 10.1016/j.compstruct.2017.03.054 In: Composite Structures. Amsterdam: Elsevier, 2017, Roč. 171, [tlačená forma] [online]. ISSN 0263-8223. ISSN (online) 1879-1085. - SCIE ; SCO ; WOS CC, 370 - 381

2018 [1/12] / neurčené - Gupta, M., Hodges, D. H. Nonlinear analysis of composite beams with structural damping In: 74th American Helicopter Society International Annual Forum and Technology Display 2018 : Annual Forum Proceedings - AHS International. [S. l.] : American Helicopter Society, 2018. - SCO, 1 - 12

2018 [1/12] / GBR - Kumar, N. – Narayan, J.P. Quantification of site-city interaction effects on the response of structure under double resonance condition [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2018, Roč. 212, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 422 - 441

2018 [1/12] / neurčené - Kumar, N. – Narayan, J.P. Study of 2D Basins and Site-City Interaction Effects on Ground Motion Characteristics In: Journal of Indian Geophysical Union, 2018, Roč. 22, č. 1. - ESCI ; WOS CC, 16 - 23

2018 [1/12] / CHE - Liu, X.B. – Chen, J.Y. – Zhao, Z.C. – Lan, H.Q. – Liu, F.P. Simulating Seismic Wave Propagation in Viscoelastic Media with an Irregular Free Surface [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2018, Roč. 175, č. 10, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 3419 - 3439

2018 [1/12] / neurčené - Moustafa, S., Kirschenmann, W., Dupros, F., Aochi, H. Task-Based Programming on Emerging Parallel Architectures for Finite-Differences Seismic Numerical Kernel In: Euro-Par 2018: Parallel Processing : Lecture Notes in Computer Science. Cham: Springer, 2018. - SCO, 764 - 777

2018 [1/12] / USA - Narayan, J.P. – Kamal. A scenario of ground shaking hazard in intracratonic circular basins developed by basin-generated surface waves: an earthquake engineering perspective [elektronický dokument] In: Natural Hazards. New York: Springer Nature. Springer, 2018, Roč. 92, č. 3, [tlačená forma] [online]. ISSN 0921-030X. ISSN (online) 1573-0840. - SCIE ; SCO ; WOS CC, 1841 - 1857

2018 [1/12] / neurčené - Narayan, J.P. – Kumar, A. Quantification of Effects of Ridge and Valley Topography on the Rayleigh Wave Characteristics In: Journal of Earthquake and Tsunami, 2018, Roč. 12, č. 3. - SCIE ; SCO ; WOS CC, Art. No. 1850007

2018 [1/12] / CHE - Narayan, J.P. – Kumar, N. – Chauhan, R. Role of Shape and Numbers of Ridges and Valleys in the Insulating Effects of Topography on the Rayleigh Wave Characteristics [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2018, Roč. 175, č. 8, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 2623 - 2642

2018 [1/12] / USA - Raghucharan, M.C. – Somala, S.N. Stochastic Extended Simulation (EXSIM) of M-w 7.0 Kumamoto-Shi earthquake on 15 April 2016 in the Southwest of Japan using the SCEC Broadband

Platform (BBP) [elektronický dokument] In: AIMS geosciences. Springfield: AIMS Press, 2018, Roč. 4, č. 2, [online]. ISSN (online) 2471-2132. - ESCI ; WOS CC, 144 - 165

2018 [1/12] / GBR - Riga, E. – Makra, K. – Pitilakis, K. Investigation of the effects of sediments inhomogeneity and nonlinearity on aggravation factors for sedimentary basins [elektronický dokument]. DOI 10.1016/j.soildyn.2018.01.016 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2018, Roč. 110, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 284 - 299

2018 [1/12] / neurčené - Xie, Z.N. – Zheng, Y.L. – Zhang, X.B. Optimized approximation for constitution of constant Q viscoelastic media in time domain seismic wave simulation In: Chinese Journal of Geophysics, 2018, Roč. 61, č. 10. - SCIE ; SCO ; WOS CC, 4007 - 4020

2018 [1/12] / GBR - Yuan, S.C. – Song, X.H. – Zhang, X.Q. – Zhao, S.T. – Zhao, P.Q., Cai, W. – Yu, D.K. Finite-difference modeling and characteristics analysis of Rayleigh waves in anisotropic-viscoelastic media [elektronický dokument]. DOI 10.1016/j.soildyn.2018.02.004 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2018, Roč. 108, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 46 - 57

2019 [1/12] / neurčené - Gupta, M., Sarkar, K., Hodges, D. H. Dynamic analysis of nonlinear composite beams with 3-d structural damping In: AIAA Scitech 2019 Forum : Proceedings. [Reston]: American Institute of Aeronautics and Astronautics (AIAA), 2019. - SCO, art. no. 0211

2019 [1/12] / USA - Gupta, S. – Smita – Pramanik, S. – Pramanik, A. A comparative analysis (real-time data and theoretical results) for propagation of SH waves in a viscoelastic model influenced by a point source [elektronický dokument] In: Mathematics and Mechanics of Solids. Thousand Oaks: SAGE Publications, 2019, Roč. 24, č. 8, [tlačená forma] [online]. ISSN 1081-2865. ISSN (online) 1741-3028. - SCIE ; SCO ; WOS CC, 2458 - 2477

2019 [1/12] / CHE - Kumar, N. – Narayan, J.P. Quantification of Fundamental Frequencies of 3D Basins and Structures and Site-City Interaction Effects on Responses of Structures [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2019, Roč. 176, č. 10, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 4477 - 4502

2019 [1/12] / USA - Kumar, N. – Narayan, J.P. Effects of site-city interaction and polarization of the incident S-wave on the transfer function and fundamental frequency of structures [elektronický dokument] In: Natural Hazards. New York: Springer Nature. Springer, 2019, Roč. 97, č. 2, [tlačená forma] [online]. ISSN 0921-030X. ISSN (online) 1573-0840. - SCIE ; SCO ; WOS CC, 747 - 774

2019 [1/12] / neurčené - Lacasse, M., Denli, H., Gudipati, V., Lee, S., Tan, S. Accounting for heterogeneous attenuation in full-wavefield inversion In: 81st EAGE Conference and Exhibition 2019 Workshop Programme : Conference Proceedings. [Houten]: European Association of Geoscientists & Engineers, 2019. - SCO, 1 - 5

2019 [1/12] / neurčené - Wang, N. – Li, J.H. – Borisov, D. – Gharti, H.N. – Shen, Y. – Zhang, W. – Savage, B. Modeling Three-Dimensional Wave Propagation in Anelastic Models With Surface Topography by the Optimal Strong Stability Preserving Runge-Kutta Method In: Journal of Geophysical Research-Solid Earth, 2019, Roč. 124, č. 1. - SCIE ; SCO ; WOS CC, 890 - 907

2020 [1/12] / CHE - Kumar, L. – Narayan, J.P. Computation of Ground Motion Amplification Scenario in NCT Delhi for Earthquake Engineering Purposes and Seismic Microzonation [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2020, Roč. 177, č. 8, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 3797 - 3829

2020 [1/12] / USA - Li, Y. – Brossier, R. – Metivier, L. 3D frequency-domain elastic wave modeling with the spectral element method using a massively parallel direct solver [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2020, Roč. 85, č. 2, 71- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC

2020 [1/12] / SVK - Narayan, J.P. – Singh, P. – Verma, S. Quantification of role of impedance contrast in

site-city-interaction effects on the responses of buildings and basin [elektronický dokument] In: Contributions to Geophysics and Geodesy: The Journal of Geophysical Institute of Slovak Academy of Sciences. Bratislava: Slovenská akadémia vied. Pracoviská SAV. Ústav vied o zemi, 2020, Roč. 50, č. 1, [tlačená forma] [online]. ISSN 1335-2806. ISSN (online) 1338-0540. - ESCI ; SCO ; WOS CC, 135 - 159

2020 [1/12] / NLD - Narayan, J.P. – Yadav, G. Effects of geometry and rheological parameters of large basin on the SH-wave response of sub-basin in the basin-sub-basin models [elektronický dokument] In: Journal of Seismology. Dordrecht: Springer Nature, 2020, Roč. 24, č. 1, [tlačená forma] [online]. ISSN 1383-4649. ISSN (online) 1573-157X. - SCIE ; SCO ; WOS CC, 149 - 163

2020 [1/12] / neurčené - Pal, J., Ghorai, A. P. Numerical Modeling of Love Waves in Dry Sandy Layer Under Initial Stress Using Different Order Finite Difference Methods In: Recent Trends in Wave Mechanics and Vibrations, Wmvc 2018 : Lecture Notes in Mechanical Engineering. Singapore: Springer-Verlag Singapore Pte Ltd, 2020. - CPCI-S ; SCO ; WOS CC, 165 - 186

2022 [1/20] / USA - Wang, Ning, Xing, Guangchi, Zhu, Tieyuan, Zhou, Hui, Shi, Ying. Propagating Seismic Waves in VTI Attenuating Media Using Fractional Viscoelastic Wave Equation [elektronický dokument]. DOI 10.1029/2021JB023280 In: Journal of Geophysical Research: Solid Earth. Hoboken: John Wiley & Sons, 2022, Roč. 127, č. 4, art. no. e2021JB023280 [tlačená forma] [online]. ISSN 2169-9313. ISSN (online) 2169-9356. ISSN (chýbné) 0148-0227. - SCO ; WOS CC ; CCC ; SCIE, art. no. e2021JB023280

2022 [1/20] / USA - Zhou, Hongyu, Liu, Yang, Wang, Jing. Time–space domain scalar wave modeling by a novel hybrid staggered-grid finite-difference method with high temporal and spatial accuracies [elektronický dokument]. DOI 10.1016/j.jcp.2022.111004 In: Journal of Computational Physics. San Diego : American Academic Press, 2022, č. 455, art. no. 111004 [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCO ; SCIE ; CCC ; WOS CC, art. no. 111004

2022 [1/20] / USA - He, Xijun, Yang, Dinghui, Qiu, Chujun, Zhou, Yanjie, Ma, Xiao. An Efficient Discontinuous Galerkin Method Using a Tetrahedral Mesh for 3D Seismic Wave Modeling [elektronický dokument]. DOI 10.1785/0120210229 In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2022, Roč. 112, č. 3, s. 1197-1223 [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCO ; SCIE ; CCC ; WOS CC, 1197 - 1223

2022 [1/20] / NLD - Wang, Jing, Liu, Yang, Zhou, Hongyu. High temporal accuracy elastic wave simulation with new time–space domain implicit staggered-grid finite-difference schemes [elektronický dokument]. DOI 10.1111/1365-2478.13244 In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2022, Roč. 70, č. 8, s. 1346-1366 [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCO ; SCIE ; CCC ; WOS CC, 1346 - 1366

2022 [1/20] / USA - Zhou, Hongyu, Liu, Yang, Wang, Jing. Elastic Wave Modeling with High-Order Temporal and Spatial Accuracies by a Selectively Modified and Linearly Optimized Staggered-Grid Finite-Difference Scheme [elektronický dokument]. DOI 10.1109/TGRS.2021.3078626 In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2022, č. 60, art. no. 3000122 [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCO ; SCIE ; CCC ; WOS CC, art. no. 3000122

2021 [1/12] / NLD - Makra, Konstantia, Rovithis, Emmanouil, Riga, Evi, Raptakis, Dimitrios, Pitilakis, Kyriazis. Amplification features and observed damages in İzmir (Turkey) due to 2020 Samos (Aegean Sea) earthquake: identifying basin effects and design requirements [elektronický dokument]. DOI 10.1007/s10518-021-01148-3 In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2021, Roč. 19, č. 12, s. 4773-4804 [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCO ; WOS CC ; CCC, 4773 - 4804

2019 [1/20] / GBR - Martin, R., Bodet, L., Tournat, V., Rejiba, F. Seismic wave propagation in nonlinear viscoelastic media using the auxiliary differential equation method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 216, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 453 - 469

2022 [1/20] / USA - Yuan, S., Zhang, Z., Ren, H., Zhang, W., Song, X., Chen, X. Finite-Difference Modeling and Characteristics Analysis of Love Waves in Anisotropic-Viscoelastic Media [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of

America, 2022, Roč. 112, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 23 - 47

2020 [1/12] / neurčené - Zhu, C.B., Riga, E., Pitilakis, K., Zhang, J., Thambiratnam, D. Seismic Aggravation in Shallow Basins in Addition to One-dimensional Site Amplification In: Journal of Earthquake Engineering, 2020, Roč. 24, č. 9. - SCIE ; SCO ; WOS CC, 1477 - 1499

2020 [1/12] / neurčené - Zou, Q., Huang, J., Li, Q., Yong, P., Xin, T. Elastic-wave numerical simulation and reverse time migration in pseudo-depth domain In: Shiyou Diqu Wuli Kantan/Oil Geophysical Prospecting, 2020, Roč. 55, č. 2. - SCO, 321 - 330

2021 [1/12] / neurčené - He, X., Yang, D., Qiu, C., Zhou, Y., Chang, Y. A parallel weighted Runge-Kutta discontinuous galerkin method for solving acoustic wave equations in 3D D'Alembert media on unstructured meshes In: Acta Geophysica Sinica, 2021, Roč. 64, č. 3. ISSN 00015733. - SCIE ; SCO ; WOS CC, 876 - 895

2021 [1/12] / IND - Kumar, N., Narayan, J. P., Kumar, V., Tiwari, V. Effects of shape and complexity of ridge topography on the comparative amplification scenario for the SH- and SV-waves [elektronický dokument] In: Journal of Earth System Science. Bangalúr: Indian Academy of Sciences, 2021, Roč. 130, č. 1, [tlačená forma] [online]. ISSN 0253-4126. ISSN (online) 0973-774X. - SCIE ; SCO ; WOS CC, Art. No. 36

2021 [1/12] / ROM - Nagaso, M., Moysan, J., Lhuillier, C., Jeannot, J.-P. Simulation of Fluid Dynamics Monitoring Using Ultrasonic Measurements [elektronický dokument] In: Applied Sciences. Bukurešť: Universitatea Politehnica Bucuresti, 2021, Roč. 11, č. 15, [online]. ISSN (online) 1454-5101. - SCIE ; SCO ; WOS CC, Art. No. 7065

2021 [1/12] / NLD - Yang, J., Huang, J., Li, Z., Zhu, H., McMechan, G., Zhang, J., Hu, C., Zhao, Y. Mitigating Velocity Errors in Least-Squares Imaging Using Angle-Dependent Forward and Adjoint Gaussian Beam Operators [elektronický dokument] In: Surveys in Geophysics: an international review journal of geophysics and planetary sciences: an International Review Journal Covering the Entire Field of Geosciences and Related Areas. [Amsterdam]: Springer Nature, 2021, Roč. 42, č. 6, [tlačená forma] [online]. ISSN 0169-3298. ISSN (online) 1573-0956. - SCIE ; SCO ; WOS CC, 1305 - 1346

2021 [1/12] / neurčené - Zhang, Y., Wang, Y., Wang, X., Li, S. Research progress on the absorption attenuation of seismic waves in viscoelastic media In: Geophysical Prospecting for Petroleum, 2021, Roč. 60, č. 2. - SCIE ; SCO ; WOS CC, 238 - 250

2022 [1/20] / USA - Breuer, A., Heinecke, A. Next-Generation Local Time Stepping for the ADER-DG Finite Element Method In: 36th IEEE International Parallel and Distributed Processing Symposium: Proceedings. New York: Institute of Electrical and Electronics Engineers, 2022, [tlačená forma] [online]. ISBN 9781665481069. - SCIE ; SCO ; WOS CC, 402 - 413

2022 [1/20] / NLD - Carcione, J. M. Wave Fields in Real Media [elektronický dokument] : Wave Propagation in Anisotropic, Anelastic, Porous and Electromagnetic Media. Amsterdam: Elsevier, 2022. 4. vyd. ISBN (online) 978-0-323-98343-3. DOI 10.1016/C2021-0-00938-X. - SCO, 1 - 796

2022 [1/20] / CHE - Joshi, L., Narayan, J. P. Quantification of the Effects of an Urban Layer on Rayleigh Wave Characteristics and Development of a Meta-City [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2022, Roč. 179, č. 9, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 3253 - 3277

2022 [1/20] / USA - Mu, X., Huang, J., Yang, J., Li, Z., Ivan, M. S. Viscoelastic Wave Propagation Simulation Using New Spatial Variable-Order Fractional Laplacians [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2022, Roč. 112, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 48 - 77

2023 [1/20] / CHE - Hu, Z., Yang, J., Han, L., Huang, J., Qin, S., Sun, J., Yu, Y. Modeling seismic wave propagation in the Loess Plateau using a viscoacoustic wave equation with explicitly expressed quality factor In: Frontiers in Earth Science. Lausanne: Frontiers Media, 2023, Roč. 10, [online]. ISSN 2296-6463. - SCIE ; SCO ; WOS CC, art. no. 1069166

2023 [1/20] / SGP - Narayan, J. P., Sharma, A., Joshi, L. Development of Relationships to Predict Amplification of SH-Wave Across Two-dimensional Deep-Basins at Fundamental Frequency [elektronický dokument] In: Earthquake Engineering and Disaster Mitigation: Contributions in the Honour of Late Professor D. K. Paul. Singapur: Springer Nature. Springer, 2023, [tlačená forma] [online]. ISBN 978-981-99-0080-0. ISBN 978-981-99-0083-1. ISBN (online) 978-981-99-0081-7. - SCO, 37 - 57

2019 [1/20] / GBR - Leng, K., Nissen-Meyer, T., van Driel, M., Hosseini, K., Al-Attar, D. AxiSEM3D: broad-band seismic wavefields in 3-D global earth models with undulating discontinuities [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 217, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 2125 - 2146

2022 [1/20] / USA - Chang, J., Wang, C., Tang, Y., Li, W. Numerical Investigations of Ultrasonic Reverse Time Migration for Complex Cracks Near the Surface [elektronický dokument] In: IEEE access: practical innovations, open solutions. Piscataway : Institute of Electrical and Electronics Engineers, 2022, Roč. 10, [online]. ISSN (online) 2169-3536. - SCIE ; SCO ; WOS CC, 5559 - 5567

2024 [1/20] / GBR - Deng, Wubing, Morozov, Igor B., Fu, Li Yun, Cao, Danping. An extended continuum-mechanics standard linear solid rheology for fluid-saturated porous rock [elektronický dokument]. DOI 10.1093/gji/ggae142 In: Geophysical Journal International. Oxford: Oxford University Press, 2024, Roč. 238, č. 1, s. 1-14 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 1 - 14

2024 [1/20] / NLD - Li, Ruiqi, Zhang, Yijie, Liu, Naihao, Gao, Jinghui. A nodal discontinuous Galerkin method for wave propagation in coupled acoustic–elastic media [elektronický dokument]. DOI 10.1111/1365-2478.13520 In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2024, Roč. 72, č. 6, s. 2282-2299 [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCO ; WOS CC ; CCC ; SCIE, 2282 - 2299

2024 [1/20] / NLD - Jin, Chao, Zhou, Bing, Riahi, Mohamed Kamel, Zemerly, Mohamed Jamal, Cao, Danping. On the numerical resolution of the second-order viscoacoustic and viscoelastic anisotropic wave equations using the recursive convolution method [elektronický dokument]. DOI 10.1016/j.cageo.2024.105538 In: Computers & Geosciences. Amsterdam: Elsevier, 2024, č. 184, art. no. 105538 [tlačená forma] [online]. ISSN 0098-3004. ISSN (online) 1873-7803. - SCO ; WOS CC ; CCC ; SCIE, art. no. 105538

2023 [1/20] / CHE - Vishal, Narayan, J. P. Numerical Simulations and Development of Relations for the Assessment of Ground Motion Amplifications Along the Flanks of 2D and 3D Hills [elektronický dokument]. DOI 10.1007/s00024-023-03261-7 In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2023, Roč. 180, č. 6, s. 2275-2307 [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCO ; WOS CC ; CCC ; SCIE, 2275 - 2307

2025 [1/20] / NLD - Li, Yaomeng, Wang, Feng, Li, Qiao, Fu, Chao, Guo, Xu. Cubic B-spline based elastic and viscoelastic wave propagation method [elektronický dokument]. DOI 10.1016/j.cam.2024.116236 In: Journal of Computational and Applied Mathematics. Amsterdam: Elsevier, 2025, č. 456, art. no. 116236 [tlačená forma] [online]. ISSN 0377-0427. ISSN (online) 1879-1778. - SCO ; WOS CC ; CCC ; SCIE, art. no. 116236

2024 [1/20] / GBR - Lau, H. C.P. Surface loading on a self-gravitating, linear viscoelastic Earth: moving beyond Maxwell [elektronický dokument]. DOI 10.1093/gji/ggae149 In: Geophysical Journal International. Oxford: Oxford University Press, 2024, Roč. 237, č. 3, s. 1842-1857 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 1842 - 1857

2024 [1/20] / USA - Joshi, Lav, Narayan, J. P. Pseudo-dynamic rupture implementation and earthquake engineering consequences of simulated ground motion in NCT Delhi (India) caused by Mw8.2 Nahan Himalaya seismic gap earthquake [elektronický dokument]. DOI 10.1007/s11069-024-06577-2 In: Natural Hazards. New York: Springer Nature. Springer, 2024, Roč. 120, č. 11, s. 9551-9584 [tlačená forma] [online]. ISSN 0921-030X. ISSN (online) 1573-0840. - SCO ; WOS CC ; CCC ; SCIE, 9551 - 9584

2024 [1/20] / DEU - Jin, Chao, Zhou, Bing, Riahi, Mohamed Kamel, Zemerly, Mohamed Jamal. A generalized time-domain velocity-stress seismic wave equation for composite viscoelastic media with a topographic relief and an irregular seabed [elektronický dokument]. DOI 10.1007/s10596-024-10273-2 In: Computational Geosciences: Modeling, Simulation and Data Analysis. Berlín: Springer Nature. Springer

International Publishing AG, 2024, Roč. 28, č. 3, s. 355-371 [tlačená forma] [online]. ISSN 1420-0597. ISSN (online) 1573-1499. - SCO ; WOS CC ; CCC ; SCIE, 355 - 371

2023 [1/20] / SGP - Vishal, Narayan, J. P. Quantification of Ridge-Weathering Effects on the Simulated Ground Motion Characteristics Across 2D and 3D Topography Models [elektronický dokument]. DOI 10.1007/978-981-99-1459-3_27 In: Proceedings of 17th Symposium on Earthquake Engineering. Singapur: Springer Nature. Springer, 2023, s. 339-352 [tlačená forma] [online]. ISBN 978-981-99-1458-6. ISBN 978-981-99-1461-6. ISBN (online) 978-981-99-1459-3. - SCO, 339 - 352

2022 [1/20] / FRA - He, Xijun, Qiu, Chujun, Sun, Jianqiang. Discontinuous Galerkin Method for Solving 2D Dissipative Seismic Wave Equations In: Journal of Seismic Exploration. Castelnau-le-Lez: Geophysical Press, 2022, Roč. 31, č. 2, s. 153-176 [tlačená forma]. ISSN 0963-0651. - SCO ; WOS CC ; CCC ; SCIE, 153 - 176

ADC_037 / Kristek, Jozef (Autor) (33.333%) - Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (33.334%) - Archuleta, Ralph J. (Autor) (33.333%): Efficient methods to simulate planar free surface in the 3D 4th-order staggered-grid finite-difference schemes. – text. – DOI 10.1023/A:1019866422821. – CCC ; SCO ; WOS CC ; SCIE ; WOS CC

In: *Studia Geophysica et Geodaetica* [textový dokument (print)] [elektronický dokument] : a journal of geophysics, meteorology and climatology, geodesy. – Praha (Česko) : Akademie věd České republiky. Geofyzikální ústav AV ČR. – ISSN 0039-3169. – ISSN (online) 1573-1626. – Roč. 46, č. 2 (2002), s. 355-381 [tlačená forma] [online]

Počet všech autorů: 3

[článek]

Lit.: 16

[OV 092 Vedy o Zemi a vesmíře]

Ohlasy (103):

2003 [1/12] / GBR - Chavez-Garcia, F. J. Site effects in Parkway Basin: comparison between observations and 3-D modelling [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2003, Roč. 154, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 633 - 646

2004 [3/12] / neurčené - Roten, D., Cornou, C., Steinmen, S., Fäh, D., Giardini, D. 2D resonances in Alpine valleys identified from ambient vibration wavefields In: Proceedings of the 13th WCEE. St. Louis : Mira Digital Publishing, 2004, 2004, č. 845

2005 [1/12] / USA - Perez-Ruiz, J. A., Luzon, F., Garcia-Jerez, A. Simulation of an irregular free surface with a displacement finite-difference scheme [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2005, Roč. 95, č. 6, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2216 - 2231

2006 [1/12] / GBR - Roten, D., Fah, D., Cornou, C., Giardini, D. Two-dimensional resonances in Alpine valleys identified from ambient vibration wavefields [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2006, Roč. 165, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 889 - 905

2006 [1/12] / GBR - Zhang, W., Chen, X. F. Traction image method for irregular free surface boundaries in finite difference seismic wave simulation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2006, Roč. 167, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 337 - 353

2007 [1/12] / CZE - Perez-Ruiz, J. A., Luzon, F., Garcia-Jerez, A. Scattering of elastic waves in cracked media using a finite difference method [elektronický dokument] In: *Studia Geophysica et Geodaetica*: a journal of geophysics, meteorology and climatology, geodesy. Praha: Akademie věd České republiky. Geofyzikální ústav AV ČR, 2007, Roč. 51, č. 1, [tlačená forma] [online]. ISSN 0039-3169. ISSN (online) 1573-1626. - SCIE ; SCO ; WOS CC, 59 - 88

2007 [1/12] / USA - Xu, Y. X., Xia, J. H., Miller, R. D. Numerical investigation of implementation of air-earth boundary by acoustic-elastic boundary approach [elektronický dokument] In: *Geophysics: a journal of general and applied geophysics*. Tulsa: The Society of Exploration Geophysicists, 2007, Roč. 72, č. 5, [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2008 [1/12] / neurčené - Dunham, E. M., Bhat, H. S. Attenuation of radiated ground motion and stresses from three-dimensional supershear ruptures In: Journal of Geophysical Research-Solid Earth, 2008, Roč. 113. - SCIE ; SCO ; WOS CC, Art. No. B08319

2011 [1/12] / neurčené - Prieto, F. U., Munoz, J. J. B., Corvinos, L. G., Casino, E. S., Acevedo, A. C. Estudio de la estabilidad y dispersion del problema de propagacion de ondas sismicas en 2-D utilizando el metodo de diferencias finitas generalizadas In: Revista Internacional de Metodos Numericos para Calculo y Diseno en Ingenieria, 2011, Roč. 27, č. 4. - SCIE ; SCO ; WOS CC, 269 - 277

2008 [1/12] / CHE - Narayan, J. P., Kumar, S. A fourth order accurate SH-Wave staggered grid finite-difference algorithm with variable grid size and VGR-Stress imaging technique [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2008, Roč. 165, č. 2, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 271 - 294

2008 [1/12] / GBR - Rojas, O., Day, S., Castillo, J., Dalguer L. A. Modelling of rupture propagation using high-order mimetic finite differences [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2008, Roč. 172, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 631 - 650

2010 [1/12] / GBR - Bielak, J., Graves, R. W., Olsen, K. B., Taborda, R., Ramirez-Guzman, L., Day, S. M., Ely, G. P., Roten, D., Jordan, T. H., Maechling, P. J., Urbanic, J., Cui, Y. F., Juve, G. The ShakeOut earthquake scenario: Verification of three simulation sets [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2010, Roč. 180, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 375 - 404

2010 [1/12] / GBR - Kimman, W. P., Trampert, J. Approximations in seismic interferometry and their effects on surface waves [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2010, Roč. 182, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 461 - 476

2010 [1/12] / CHE - Narayan, J. P. Effects of impedance contrast and soil thickness on basin-transduced rayleigh waves and associated differential ground motion [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2010, Roč. 167, č. 12, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 1485 - 1510

2010 [1/12] / HRV - Narayan, J. P., Kumar, S. A 4(th) order accurate P-SV wave staggered grid finite difference algorithm with variable grid size and VGR-stress imaging technique [elektronický dokument] In: Geofizika. Zagreb: Geofizički zavod, 2010, Roč. 27, č. 1, [tlačená forma] [online]. ISSN 0352-3659. ISSN (online) 1846-6346. - SCIE ; SCO ; WOS CC, 45 - 68

2010 [1/12] / POL - Narayan, J. P., Kumar, S. Study of effects of focal depth on the characteristics of Rayleigh waves using finite difference method [elektronický dokument] In: Acta Geophysica. Varšava: Springer Nature. Springer International Publishing AG, 2010, Roč. 58, č. 4, [tlačená forma] [online]. ISSN 1895-6572. ISSN (online) 1895-7455. - SCIE ; SCO ; WOS CC, 624 - 644

2010 [1/12] / USA - Zhang, W., Shen, Y. Unsplit complex frequency-shifted PML implementation using auxiliary differential equations for seismic wave modeling [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2010, Roč. 75, č. 4, 141- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2011 [1/12] / neurčené - Fichtner, A. Full seismic waveform modelling and inversion : Advances in Geophysical and Environmental Mechanics and Mathematics [textový dokument (print)] . Berlin: Springer, 2011. 1 vyd. - BKCI-S ; WOS CC, 1

2011 [1/12] / GBR - Lan, H., Zhang, Z. Comparative study of the free-surface boundary condition in two-dimensional finite-difference elastic wave field simulation [elektronický dokument] In: Journal of Geophysics and Engineering. Oxford: Oxford University Press, 2011, Roč. 8, č. 2, [tlačená forma] [online]. ISSN 1742-2132. ISSN (online) 1742-2140. - SCIE ; SCO ; WOS CC, 275 - 286

2011 [1/12] / USA - Lan, H., Zhang, Z. Three-Dimensional wave-field simulation in heterogeneous

transversely isotropic medium with irregular free surface [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2011, Roč. 101, č. 3, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1354 - 1370

2011 [1/12] / GBR - Skarlatoudis, A. A., Papazachos, C. B., Theodoulidis, N. Spatial distribution of site effects and wave propagation properties in Thessaloniki (N. Greece) using a 3-D finite difference method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2011, Roč. 185, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 485 - 513

2011 [1/12] / NLD - Tarrass, I., Giraud, L., Thore, P. New curvilinear scheme for elastic wave propagation in presence of curved topography [elektronický dokument] In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2011, Roč. 59, č. 5, [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCIE ; SCO ; WOS CC, 889 - 906

2011 [1/12] / USA - Zeng, C., Xia, J., Miller, R. D., Tsoflis, G. P. Application of the multiaxial perfectly matched layer (M-PML) to near-surface seismic modeling with Rayleigh waves [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2011, Roč. 76, č. 3, 43- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2011 [1/12] / NLD - Zeng, C., Xia, J., Miller, R. D., Tsoflis, G. P. Feasibility of waveform inversion of Rayleigh waves for shallow shear-wave velocity using a genetic algorithm [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2011, Roč. 75, č. 4, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, 648 - 655

2013 [1/12] / GBR - Yasui, T., Hasegawa, K., Hirayama, K. Implementation of free-surface condition for finite-difference time-domain method using a staggered grid with the collocated grid points of velocities [elektronický dokument] In: Japanese Journal of Applied Physics. Tokyo: Japan Society of Applied Physics, 2013, Roč. 52, č. 7, [tlačená forma] [online]. ISSN 0021-4922. ISSN (online) 1347-4065. - SCIE ; SCO ; WOS CC, Art. No. 07HD07

2014 [1/12] / DEU - Rojas, O., Otero, B., Castillo, J. E., Day, S. M. Low dispersive modeling of Rayleigh waves on partly staggered grids [elektronický dokument] In: Computational Geosciences: Modeling, Simulation and Data Analysis. Berlín: Springer Nature. Springer International Publishing AG, 2014, Roč. 18, č. 1, [tlačená forma] [online]. ISSN 1420-0597. ISSN (online) 1573-1499. - SCIE ; SCO ; WOS CC, 29 - 43

2012 [1/12] / GBR - Le Roux, O., Cornou, C., Jongmans, D., Schwartz, S. 1-D and 2-D resonances in an Alpine valley identified from ambient noise measurements and 3-D modelling [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2012, Roč. 191, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 579 - 590

2015 [1/12] / USA - Gao, L., Brossier, R., Pajot, B., Tago, J., Virieux, J. An immersed free-surface boundary treatment for seismic wave simulation [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2015, Roč. 80, č. 5, 193- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2016 [1/12] / NLD - Makra, K., Chavez-Garcia, F. J. Site effects in 3D basins using 1D and 2D models: an evaluation of the differences based on simulations of the seismic response of Euroseistest [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2016, Roč. 14, č. 4, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 1177 - 1194

2017 [1/12] / neurčené - Igel, H. Computational Seismology: A Practical Introduction. BKCI-S Book Citation Index - Science N/A In: Computational Seismology: A Practical Introduction. New York: Oxford Univ Press, 2017. - WOS CC, 1 - 323

2012 [1/12] / GBR - Zhang, W., Zhang, Z., Chen, X. Three-dimensional elastic wave numerical modelling in the presence of surface topography by a collocated-grid finite-difference method on curvilinear grids [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2012,

- Roč. 190, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 358 - 378
- 2016 [1/12] / DEU** - Perez Solano, C. A., Donno, D., Chauris, H. Finite-difference strategy for elastic wave modelling on curved staggered grids [elektronický dokument] In: Computational Geosciences: Modeling, Simulation and Data Analysis. Berlín: Springer Nature. Springer International Publishing AG, 2016, Roč. 20, č. 1, [tlačená forma] [online]. ISSN 1420-0597. ISSN (online) 1573-1499. - SCIE ; SCO ; WOS CC, 245 - 264
- 2012 [1/12] / CHE** - Narayan, J. P. Effects of P-wave and S-wave impedance contrast on the characteristics of basin transduced Rayleigh waves [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2012, Roč. 169, č. 4, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 693 - 709
- 2012 [1/12] / USA** - Petrov, P. V., Newman, G. A. 3D finite-difference modeling of elastic wave propagation in the Laplace-Fourier domain [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2012, Roč. 77, č. 4, 137- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC
- 2012 [1/12] / neurčené** - Shang, X., Huang, L. Optimal designs of time-lapse seismic surveys for monitoring CO₂ leakage through fault zones In: International Journal of Greenhouse Gas Control, 2012, Roč. 10. - SCIE ; SCO ; WOS CC, 419 - 433
- 2012 [1/12] / USA** - Skarlatoudis, A. A., Papazachos, C. B., Theodoulidis, N. Site-response study of Thessaloniki (Northern Greece) for the 4 July 1978 M 5.1 aftershock of the June 1978 M 6.5 sequence using a 3D finite-difference approach [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2012, Roč. 102, č. 2, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 722 - 737
- 2012 [1/12] / USA** - Zeng, C., Xia, J., Miller, R. D., Tsoflias, G. P. An improved vacuum formulation for 2D finite-difference modeling of Rayleigh waves including surface topography and internal discontinuities [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2012, Roč. 77, č. 1, 1- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC
- 2012 [1/12] / GBR** - Zhang, W., Shen, Y., Zhao, L. Three-dimensional anisotropic seismic wave modelling in spherical coordinates by a collocated-grid finite-difference method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2012, Roč. 188, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1359 - 1381
- 2013 [1/12] / neurčené** - Sun, W. J., Fu, L. Y., Guan, X. Z., Wei, W. A study on anisotropy of shale using seismic forward modeling in shale gas exploration In: Chinese Journal of Geophysics-Chinese Edition, 2013, Roč. 56, č. 3. - SCIE ; SCO ; WOS CC, 961 - 970
- 2013 [1/12] / NLD** - Sun, W., Fu, L. Y. Two effective approaches to reduce data storage in reverse time migration [elektronický dokument] In: Computers & Geosciences. Amsterdam: Elsevier, 2013, Roč. 56, [tlačená forma] [online]. ISSN 0098-3004. ISSN (online) 1873-7803. - SCIE ; SCO ; WOS CC, 69 - 75
- 2014 [1/12] / USA** - Almuheidib, A. M., Toksoez, M. N. Numerical modeling of elastic-wave scattering by near-surface heterogeneities [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2014, Roč. 79, č. 4, 199- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC
- 2014 [1/12] / USA** - De la Puente, J., Ferrer, M., Hanzich, M., Castillo, J. E., Cela, J. M. Mimetic seismic wave modeling including topography on deformed staggered grids [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2014, Roč. 79, č. 3, 125- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC
- 2014 [1/12] / CHN** - Huang, J., Yang, Y., Li, Z., Tian, K. Comparative study among implementations of several free-surface boundaries with perfectly matched layer conditions In: Dizhen xuebao. [s.l.]: Acta Seismologica Sinica Press, 2014, Roč. 36, č. 5, [tlačená forma]. ISSN 0253-3782. - SCO, 964 - 977

2014 [1/12] / GBR - Liu, Y. Optimal staggered-grid finite-difference schemes based on least-squares for wave equation modelling [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2014, Roč. 197, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1033 - 1047

2014 [1/12] / neurčené - Tian, K., Li, Z. C., Yang, Y., Huang, J. P., Li, N., Cao, X. L. Dispersion properties analysis of Rayleigh surface wave in viscoelastic media In: 76th European Association of Geoscientists and Engineers Conference and Exhibition 2014: Experience the Energy - Incorporating SPE EUROPEC 2014, 2014. [S.l.]: EAGE, 2014. - SCO, 2959 - 2963

2015 [1/12] / NLD - Ducellier, A., Aochi, H. Importance of crustal structure and anelastic attenuation for estimating ground motion parameters by finite difference simulation [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2015, Roč. 13, č. 7, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 1893 - 1911

2015 [1/12] / GBR - Li, H., Zhang, W., Zhang, Z., Chen, X. Elastic wave finite-difference simulation using discontinuous curvilinear grid with non-uniform time step: two-dimensional case [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2015, Roč. 202, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 102 - 118

2015 [1/12] / NLD - Manolis, G., Parvanova, S., Makra, K., Dineva, P. Seismic response of buried metro tunnels by a hybrid FDM-BEM approach [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2015, Roč. 13, č. 7, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 1953 - 1977

2015 [1/12] / neurčené - Zhuang, M., Wei, S., Feng, N., Liu, N., Zhu, C., Liu, H., Zhou, J., Huang, Y., Luo, M., Yuan, M., Zhao, B., Liu, Q. H. New Advances in FDTD Methods for Electromagnetic and Elastic Waves for Probing Complex Media In: 2015 IEEE 4th Asia-Pacific Conference on Antennas and Propagation. New York: Institute of Electrical and Electronics Engineers, 2015. - CPCI-S ; SCO ; WOS CC, 3 - 5

2016 [1/12] / neurčené - Herrera, C., Caicedo, B. Finite Difference Time Domain Simulations of Dynamic Response of Thin Multilayer Soil in Continuous Compaction Control In: Advances in Transportation Geotechnics 3 : Procedia Engineering. Amsterdam: Elsevier, 2016. - CPCI-S ; SCO ; WOS CC, 411 - 418

2016 [1/12] / NLD - Lan, H., Chen, J., Zhang, Z., Liu, Y., Zhao, J., Shi, R. Application of a perfectly matched layer in seismic wavefield simulation with an irregular free surface [elektronický dokument] In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2016, Roč. 64, č. 1, [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCIE ; SCO ; WOS CC, 112 - 128

2016 [1/12] / USA - Pan, Y., Xia, J., Xu, Y., Gao, L. Multichannel analysis of Love waves in a 3D seismic acquisition system [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2016, Roč. 81, č. 5, [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2016 [1/12] / GBR - Riga, E., Makra, K., Pitilakis, K. Aggravation factors for seismic response of sedimentary basins: A code-oriented parametric study [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2016, Roč. 91, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 116 - 132

2017 [1/12] / neurčené - Fabien-Ouellet, G. – Gloaguen, E. – Giroux, B. Time-domain seismic modeling in viscoelastic media for full waveform inversion on heterogeneous computing platforms with OpenCL. DOI 10.1016/j.cageo.2016.12.004 In: Computers and Geosciences, 2017, Roč. 100. - SCIE ; SCO ; WOS CC, 142 - 155

2017 [1/12] / USA - Otero, B. – Frances, J. – Rodriguez, R. – Rojas, O. – Solano, F. – Guevara, Jordan, J. A performance analysis of a mimetic finite difference scheme for acoustic wave propagation on GPU platforms [elektronický dokument] In: Concurrency and computation-practice and experience. [s.l.]: John Wiley & Sons, 2017, Roč. 29, č. 4, [online] [tlačená forma]. ISSN 1532-0626. ISSN (online) 1532-0634. -

2017 [1/12] / neurčené - Xie, Z.N. – Zhang, X.B. Weak-form time-domain perfectly matched layer In: Chinese Journal of Geophysics, 2017, Roč. 60, č. 10. - SCIE ; SCO ; WOS CC, 3823 - 3831

2021 [1/12] / NLD - Makra, Konstantia, Rovithis, Emmanouil, Riga, Evi, Raptakis, Dimitrios, Pitilakis, Kyriazis. Amplification features and observed damages in İzmir (Turkey) due to 2020 Samos (Aegean Sea) earthquake: identifying basin effects and design requirements [elektronický dokument]. DOI 10.1007/s10518-021-01148-3 In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2021, Roč. 19, č. 12, s. 4773-4804 [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCO ; WOS CC ; CCC, 4773 - 4804

2018 [1/12] / GBR - Riga, E., Makra, K., Pitilakis, K. Investigation of the effects of sediments inhomogeneity and nonlinearity on aggravation factors for sedimentary basins [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2018, Roč. 110, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 284 - 299

2017 [1/12] / CZE - Yan, H. – Uang, L. Seismic modeling with an optimal staggered-grid finite-difference scheme based on combining Taylor-series expansion and minimax approximation [elektronický dokument] In: Studia Geophysica et Geodaetica: a journal of geophysics, meteorology and climatology, geodesy. Praha: Akademie věd České republiky. Geofyzikální ústav AV ČR, 2017, Roč. 61, č. 3, [tlačená forma] [online]. ISSN 0039-3169. ISSN (online) 1573-1626. - SCIE ; SCO ; WOS CC, 560 - 574

2017 [1/12] / USA - Zhang, Y. – Ping, P. – Zhang, S.X. Finite-difference modeling of surface waves in poroelastic media and stress mirror conditions [elektronický dokument] In: Applied Geophysics. New York: Springer Nature, 2017, Roč. 14, č. 1, [tlačená forma] [online]. ISSN 16727975. ISSN (online) 19930658. - SCIE ; SCO ; WOS CC, 105 - 114

2017 [1/12] / GBR - Zhao, J.G., Huang, X.X., Liu, W.F., Zaho, W.J., Song, J.Y., Xiong, B., Wang, S.X: 2.5-D frequency-domain viscoelastic wave modelling using finite-element method. Článok [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 211, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 164 - 187

2018 [1/12] / NLD - Cao, J. – Chen, J.B. – Dai, M.X. An adaptive free-surface expression for three-dimensional finite-difference frequency-domain modelling of elastic wave [elektronický dokument] In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2018, Roč. 66, č. 4, [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCIE ; SCO ; WOS CC, 707 - 725

2018 [1/12] / USA - Cao, J. – Chen, J.B. A parameter-modified method for implementing surface topography in elastic-wave finite-difference modeling [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2018, Roč. 83, č. 6, 313- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2018 [1/12] / GBR - Elison, P. – van Manen, D.J. – Robertsson, J.O.A. – Dukalski, M.S. – de Vos, K. Marchenko-based immersive wave simulation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2018, Roč. 215, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1118 - 1131

2018 [1/12] / NLD - Herrera, C. – Costa, P.A. – Caicedo, B. Numerical modelling and inverse analysis of continuous compaction control [elektronický dokument]. DOI 10.1016/j.trgeo.2018.09.012 In: Transportation Geotechnics. Amsterdam: Elsevier, 2018, Roč. 17, [online]. ISSN (online) 2214-3912. - SCIE ; SCO ; WOS CC, 165 - 177

2018 [1/12] / neurčené - Chen, G.T. – Wang, Z.L. A checkpoint-assisted interpolation algorithm of wave field reconstruction and prestack reverse time migration In: Chinese Journal of Geophysics, 2018, Roč. 61, č. 8. - SCIE ; SCO ; WOS CC, 3334 - 3345

2018 [1/12] / NLD - Pan, Y.D. – Gao, L.L. – Bohlen, T. Time-domain full-waveform inversion of Rayleigh and Love waves in presence of free-surface topography [elektronický dokument]. DOI 10.1016/j.jappgeo.2018.03.006 In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2018, Roč. 152, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, 77 - 85

2018 [1/12] / NLD - Yuan, S.C. – Song, X.H. – Cai, W. – Hu, Y. Analysis of attenuation and dispersion of Rayleigh waves in viscoelastic media by finite-difference modeling [elektronický dokument]. DOI 10.1016/j.jappgeo.2017.11.010 In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2018, Roč. 148, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, 115 - 126

2018 [1/12] / GBR - Zhu, C.B. – Chavez-Garcia, F.J., Thambiratnam, D. – Gallage, C. Quantifying the edge-induced seismic aggravation in shallow basins relative to the 1D SH modelling [elektronický dokument]. DOI 10.1016/j.soildyn.2018.08.025 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2018, Roč. 115, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 402 - 412

2018 [1/12] / GBR - Zhu, C.B. – Thambiratnam, D. – Gallage, C. Statistical analysis of the additional amplification in deep basins relative to the 1D approach [elektronický dokument]. DOI 10.1016/j.soildyn.2017.09.003 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2018, Roč. 104, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 296 - 306

2019 [1/12] / neurčené - Cao, J. – Chen, J.B. Solution of Green function from a moving line source and the radiation energy analysis : A simplified modeling of seismic signal induced by high-speed train In: Chinese Journal of Geophysics, 2019, Roč. 62, č. 6. - SCIE ; SCO ; WOS CC, 2303 - 2312

2019 [1/12] / USA - Cao, J. – Chen, J.B. Optimizing the finite-difference implementation of three-dimensional free-surface boundary in frequency-domain modeling of elastic waves [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2019, Roč. 84, č. 6, 363- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2019 [1/12] / neurčené - Gallovic, F. – Valentova, L. – Ampuero, J.P. – Gabriel, A.A. Bayesian Dynamic Finite-Fault Inversion: 1. Method and Synthetic Test In: Journal of Geophysical Research-Solid Earth, 2019, Roč. 124, č. 7. - SCIE ; SCO ; WOS CC, 6949 - 6969

2019 [1/12] / USA - Hestholm, S. Elastic tilted orthorhombic (and simpler) wave modeling including free-surface topography [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2019, Roč. 84, č. 2, 93- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2019 [1/12] / CHE - Li, H. – Liu, X.W. – Chang, X. – Wu, R.Y. – Liu, J. Impact of Shale Anisotropy on Seismic Wavefield [elektronický dokument] In: Energies. Bazilej: Multidisciplinary Digital Publishing Institute, 2019, Roč. 12, č. 23, [online]. ISSN (online) 1996-1073. - SCIE ; SCO ; WOS CC, Art. No. 4412

2019 [1/12] / CHE - Takemura, S. – Kubo, H. – Tonegawa, T. – Saito, T. – Shiomi, K. Modeling of Long-Period Ground Motions in the Nankai Subduction Zone: Model Simulation Using the Accretionary Prism Derived from Oceanfloor Local S-Wave Velocity Structures [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2019, Roč. 176, č. 2, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 627 - 647

2019 [1/12] / neurčené - Zhu, C.B., Thambiratnam, D., Gallage, C. Inherent Characteristics of 2D Alluvial Formations Subjected to In-Plane Motion In: Journal of Earthquake Engineering, 2019, Roč. 23, č. 9. - SCIE ; SCO ; WOS CC, 1512 - 1530

2020 [1/12] / neurčené - Li, H., Li, J., Gu, N., Gao, J., Zhang, H. Ambient Noise Surface Wave Reverse Time Migration for Fault Imaging In: Journal of Geophysical Research-Solid Earth, 2020, Roč. 125, č. 12. - SCIE ; SCO ; WOS CC, Art. No. e2020JB020381

2020 [1/12] / neurčené - Seriani, G. – Oliveira, S.P. Numerical modeling of mechanical wave propagation In: Rivista del Nuovo Cimento, 2020, Roč. 43, č. 9. - SCIE ; SCO ; WOS CC, 459 - 514

2020 [1/12] / neurčené - Zhu, C.B., Riga, E., Pitilakis, K., Zhang, J., Thambiratnam, D. Seismic Aggravation in Shallow Basins in Addition to One-dimensional Site Amplification In: Journal of Earthquake Engineering, 2020, Roč. 24, č. 9. - SCIE ; SCO ; WOS CC, 1477 - 1499

- 2019 [1/12] / neurčené** - Khokhlov, N. I., Stetsyuk, V. O., Mitskovets, I. A. Overset grids approach for topography modeling in elastic-wave modeling using the grid-characteristic method In: Computer Research and Modeling, 2019, Roč. 11, č. 6. - SCO, 1049 - 1059
- 2017 [1/12] / neurčené** - Tian, K., Wang, C. B., Huang, J. P., Bu, C. C., Zhang, X. T. Parallel simulation of Rayleigh surface wave in 3D halfspace viscoelastic media In: 79th EAGE Conference and Exhibition 2017: Energy, Technology, Sustainability - Time to Open a New Chapter : Conference Proceedings. Houten: European Association of Geoscientists & Engineers, 2017. - SCO, 1 - 5
- 2019 [1/12] / neurčené** - Rugayya, S., Suryanto, W. Characterization of seismic signals at Bledug Kuwu using goodness-of-fit criteria analysis In: 1st International Seminar on Science and Technology 2018 (ISST 2018) : Journal of Physics: Conference Series. Bristol: Institute of Physics Publishing, 2019. - SCO, Art. No. 012050
- 2018 [1/12] / neurčené** - Rizzuti, G. The optimized virtual element method for the Helmholtz equation: A preliminary study In: 88th Society of Exploration Geophysicists International Exposition and Annual Meeting, SEG 2018 : Proceedings. [Houston]: Society of Exploration Geophysicists (SEG), 2018. - SCO, 3898 - 3902
- 2018 [1/12] / neurčené** - Hestholm, S. Elastic tilted orthorhombic modeling with free-surface topography - SEAM model results In: 88th Society of Exploration Geophysicists International Exposition and Annual Meeting, SEG 2018 : Proceedings. [Houston]: Society of Exploration Geophysicists (SEG), 2018. - SCO, 3833 - 3837
- 2021 [1/12] / neurčené** - Espindola-Carmona, A., Peter, D., Ortiz-Aleman, C. Crustal and Upper-Mantle Structure Below Central and Southern Mexico In: Journal of Geophysical Research: Solid Earth, 2021, Roč. 126, č. 6. - SCIE ; SCO ; WOS CC, Art. No. e2020JB020906
- 2021 [1/12] / USA** - Li, H., Chang, X., Xie, X.-B., Wang, Y. Microseismic moment-tensor inversion and sensitivity analysis in vertically transverse isotropic media [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2021, Roč. 86, č. 2, [tlačaná forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC
- 2021 [1/12] / DEU** - Liu, Z., Lin, B., Liang, X., Du, A. Numerical simulation of laser-generated Rayleigh wave pulses propagation in the machined surface with residual stress using finite-difference method [elektronický dokument] In: Optik: international journal for light and electron optics. Jena: Elsevier. Urban & Fischer, 2021, Roč. 248, [tlačaná forma] [online]. ISSN 0030-4026. ISSN (online) 1618-1336. - SCIE ; SCO ; WOS CC, Art. No. 168072
- 2021 [1/12] / GBR** - Tang, L., Fang, X. Generation of 6-C synthetic seismograms in stratified vertically transversely isotropic media using a generalized reflection and transmission coefficient method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2021, Roč. 225, č. 3, [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1554 - 1585
- 2021 [1/20] / CHN** - Xu, J., Zhang, W., Chen, X. An optimized finite difference method based on a polar coordinate system for regional-scale irregular topography [elektronický dokument] In: Earthquake Science. Peking: KeAi Communications Co., 2021, Roč. 34, č. 4, [tlačaná forma] [online]. ISSN 1674-4519. ISSN (online) 1867-8777. - ESCI ; WOS CC, 334 - 343
- 2022 [1/20] / GBR** - Kostka, F., Zahradnik, J., Sokos, E., Gallovic, F. Assessing the role of selected constraints in Bayesian dynamic source inversion: application to the 2017 M-w 6.3 Lesvos earthquake [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2022, Roč. 228, č. 1, [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 711 - 727
- 2022 [1/20] / USA** - Zhou, H., Liu, Y., Wang, J. Elastic Wave Modeling With High-Order Temporal and Spatial accuracies by a Selectively Modified and Linearly Optimized Staggered-Grid Finite-Difference Scheme [elektronický dokument] In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2022, Roč. 60, [tlačaná forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCIE ; WOS CC, art. no. 3000122
- 2022 [1/20] / USA** - Li, X., Koene, E., Van Manen, D.-J., Robertsson, J., Curtis, A. Elastic immersive

wavefield modelling [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2022, Roč. 451, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; WOS CC, art. no. 110826

2022 [1/20] / GBR - Fu, M., Lin, M. A Study on Integrity Testing for Platform-Pile Systems considering Wave Propagation [elektronický dokument] In: Mathematical Problems in Engineering. London: Hindawi Publishing Corporation, 2022, Roč. 2022, [tlačená forma] [online]. ISSN 1024-123X. ISSN (online) 1563-5147. - SCIE ; WOS CC, art. no. 1431774

2022 [1/20] / GBR - Fu, M., Lin, M. Integrity Testing of a Platform-Pile System Using a Sensor Array and Wavenumber Domain Analysis [elektronický dokument] In: Advances in Civil Engineering. London: Hindawi Publishing Corporation, 2022, Roč. 2022, [tlačená forma] [online]. ISSN 1687-8086. ISSN (online) 1687-8094. - SCIE ; WOS CC, art. no. 7408393

2022 [1/20] / USA - Glinskiy, B. M., Kovalevsky, V. V., Khairtdinov, M. S., Fatyanov, A. G., Martynov, V. N., Karavaev, D. A., Sapetina, A. F., Sobisevich, A. L., Sobisevich, L. E., Braginskaya, L. P., Grigoryuk, A. P. The Experimental Study and Simulation of Volcanic Structures Using Active Vibroseismic Methods [elektronický dokument] In: Journal of Volcanology and Seismology. New York: Pleiades Publishing, 2022, Roč. 16, č. 4, [tlačená forma] [online]. ISSN 0742-0463. ISSN (online) 1819-7108. - SCIE ; WOS CC, 280 - 298

2022 [1/20] / NLD - Zhou, X., Cao, J., Wang, G., Sun, J., Huo, S. Adaptive parameter-related implementation of the free surface in elastic anisotropic full-waveform modeling [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2022, č. 206, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; WOS CC, art. no. 104785

2023 [1/20] / USA - Zhou, X., Huo, S., Wang, H., Dong, S., Liang, Y., Cao, J. Model parameter design for modeling surface topography in VTI elastic finite-difference near-surface simulations [elektronický dokument]. DOI 10.1190/GEO2022-0027.1 In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2023, Roč. 88, č. 2, s. C33-C52 [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC ; SCO ; CCC, 33 - 52

2023 [1/20] / USA - Masson, Yder, Virieux, Jean. P-SV-wave propagation in heterogeneous media: Velocity-stress distributional finite-difference method [elektronický dokument]. DOI 10.1190/GEO2022-0118.1 In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2023, Roč. 88, č. 3, s. 165-183 [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO ; SCIE ; CCC ; WOS CC, 165 - 183

2024 [1/20] / USA - Zhang, Zhitao, Wang, Zhuwen, Guo, Yuhang, Wang, Wenqiang, Sun, Zhaoqi, Wan, Wubing, Gan, Lin, Han, Ruiyi, Wang, Yibo. A Low Overhead Heterogeneous Parallel Optimization Method Based on 3-D Elastic Wave Numerical Simulation [elektronický dokument]. DOI 10.1109/TGRS.2024.3396814 In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2024, Roč. 62, art. no. 4506311, s. 1-11 [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCO ; WOS CC ; CCC ; SCIE, art. no. 4506311 - 11

2024 [1/20] / CHE - Su, Wenchao, Huo, Shoudong, Zhou, Xuhui. Full-Waveform Modeling of Complex Media Seismic Waves for Irregular Topography and Its Application in Metal Ore Exploration [elektronický dokument]. DOI 10.3390/min14070664 In: Minerals. Bazilej: Multidisciplinary Digital Publishing Institute, 2024, Roč. 14, č. 7, art. no. 664 [online]. ISSN (online) 2075-163X. - SCO ; WOS CC ; CCC ; SCIE, art. no. 664

2023 [1/20] / CHE - Wang, Yinfeng, Lu, Jilong, Shi, Ying, Wang, Ning, Han, Liguu. High-Accuracy Simulation of Rayleigh Waves Using Fractional Viscoelastic Wave Equation [elektronický dokument]. DOI 10.3390/fractalfract7120880 In: Fractal and Fractional. Bazilej: Multidisciplinary Digital Publishing Institute, 2023, Roč. 7, č. 12, art. no. 880 [online]. ISSN (online) 2504-3110. - SCO ; WOS CC ; CCC ; SCIE, art. no. 880

2024 [1/20] / USA - Chen, Hanming, Chen, Keji, Wang, Lingqian, Zhou, Hui, Zhang, Hongliang, Sun, Wenbo. An Efficient Immersed Free Surface Boundary Method for 3-D Scalar Seismic Waves Finite-Difference Modeling in Presence of Topography [elektronický dokument]. DOI 10.1109/TGRS.2024.3385239 In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2024, Roč. 62, art. no. 5910612, s. 1-12 [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCO ; WOS CC ; SCIE ; CCC, art. no. 5910612 - 12

ADC_038 / Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (33.333%) - Kristek, Jozef (Autor) (33.334%) - Bystrický, Erik (Autor) (33.333%): Efficiency and optimization of the 3-D finite-difference modeling of seismic ground motion. – text. – DOI 10.1142/S0218396X01000681. – CCC ; SCO ; WOS CC ; SCIE ; CPCI-S

In: *Journal of Computational Acoustics* [textový dokument (print)] [elektronický dokument] . – Singapur (Singapur) : World Scientific Publishing. – ISSN 0218-396X. – ISSN (online) 1793-6489. – Roč. 9, č. 2 (2001), s. 593-609 [tlačená forma] [online]

International Conference on Theoretical and Computational Acoustics, 4 [Terst, Taliansko, 10.05.1999-14.05.1999]

Počet všetkých autorov: 3

[článok z podujatia]

Lit.: 35

[OV 092 Vedy o Zemi a vesmíre]

Ohlasy (22):

2001 [1/12] / USA - Day, S. M., Bradley, C. R. Memory-efficient simulation of anelastic wave propagation [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2001, Roč. 91, č. 3, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 520 - 531

2002 [1/12] / NLD - Caserta, A., Ruggiero, V., Lanucara, P. Numerical modelling of dynamical interaction between seismic radiation and near-surface geological structures: A parallel approach [elektronický dokument] In: Computers & Geosciences. Amsterdam: Elsevier, 2002, Roč. 28, č. 9, [tlačená forma] [online]. ISSN 0098-3004. ISSN (online) 1873-7803. - SCIE ; SCO ; WOS CC, 1069 - 1077

2003 [1/12] / USA - Bielak, J., Loukakis, K., Hisada, Y., Yoshimura, C. Domain reduction method for three-dimensional earthquake modeling in localized regions, part I: theory [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2003, Roč. 93, č. 2, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 817 - 824

2003 [1/12] / USA - Chavez-Garcia, F. J., Stephenson, W. R. Reply to "Comment on '3D site effects: A thorough analysis of a high-quality dataset,' by F. J. Chavez-Garcia, J. Castillo, and W. R. Stephenson," by R. Paolucci and E. Faccioli [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2003, Roč. 93, č. 5, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; WOS CC, 2306 - 2316

2003 [1/12] / GBR - Komatitsch, D., Tromp, J. A perfectly matched layer absorbing boundary condition for the second-order seismic wave equation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2003, Roč. 154, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 146 - 153

2004 [3/12] / neurčené - Roten, D., Cornou, C., Steinmen, S., Fäh, D., Giardini, D. 2D resonances in Alpine valleys identified from ambient vibration wavefields In: Proceedings of the 13th WCEE. St. Louis : Mira Digital Publishing, 2004, 2004, č. 845

2005 [1/12] / neurčené - Saenger, E. H., Keehm, Y., Kruger, O. S., Shapiro, S. A. Fluid effects on wave propagation: A viscoelastic modeling approach In: 67th European Association of Geoscientists and Engineers, EAGE Conference and Exhibition, incorporating SPE EUROPE2005-Extended Abstracts. Houten : European Association of Geoscientists & Engineers, 2005, 2005. - SCO, 2631 - 2634

2005 [1/12] / USA - Saenger, E. H., Shapiro, S. A., Keehm, Y. Seismic effects of viscous Biot-coupling: Finite difference simulations on micro-scale [elektronický dokument] In: Geophysical Research Letters. Washington: John Wiley & Sons. American Geophysical Union, 2005, Roč. 32, č. 14, [tlačená forma] [online]. ISSN 0094-8276. ISSN (online) 1944-8007. - SCIE ; SCO ; WOS CC, Art. No. L14310

2006 [1/12] / GBR - Roten, D., Fah, D., Cornou, C., Giardini, D. Two-dimensional resonances in Alpine valleys identified from ambient vibration wavefields [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2006, Roč. 165, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 889 - 905

2016 [1/12] / neurčené - Herrera, C., Caicedo, B. Finite Difference Time Domain Simulations of Dynamic

- Response of Thin Multilayer Soil in Continuous Compaction Control In: Advances in Transportation Geotechnics 3 : Procedia Engineering. Amsterdam: Elsevier, 2016. - CPCI-S ; SCO ; WOS CC, 411 - 418
- 2009 [1/12] / neurčené** - Caserta, A., Ruggiero, V., Busico, M. P., Oprsal, I. Parallelisation technique for serial 3D seismic codes: SMS approach In: Annals of Geophysics, 2009, Roč. 52, č. 5. - SCIE ; SCO ; WOS CC, 505 - 516
- 2020 [1/12] / GBR** - Poursartip, B., Fathi, A., Tassoulas, J. L. Large-scale simulation of seismic wave motion: A review [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2020, Roč. 129, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, Art. No. 105909
- 2007 [1/12] / CZE** - Balazovjech, M., Halada, L. Effective computation of restoring force vector in finite element method In: Kybernetika: International journal published by Institute of Information Theory and Automation. Prague: Akademie věd České republiky. Ústav teorie informatizace a automatizace AV ČR, 2007, Roč. 43, č. 6, [tlačená forma] [online]. ISSN 0023-5954. - SCIE ; SCO ; WOS CC, 767 - 776
- 2007 [1/12] / USA** - Komatitsch, D., Martin, R. An unsplit convolutional perfectly matched layer improved at grazing incidence for the seismic wave equation [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2007, Roč. 72, č. 5, [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC
- 2008 [1/12] / neurčené** - Martin, R., Komatitsch, D., Gedney, S. D. A variational formulation of a stabilized unsplit convolutional perfectly matched layer for the isotropic or anisotropic seismic wave equation In: CMES-Computer Modeling in Engineering & Sciences, 2008, Roč. 37, č. 3. - SCIE ; SCO ; WOS CC, 274 - 304
- 2010 [1/12] / neurčené** - Sarens, B., Verstraeten, B., Glorieux, C., Kalogiannakis, G., van Hemelrijck, D. Investigation of contact acoustic nonlinearity in delaminations by shearographic imaging, laser doppler vibrometric scanning and finite difference modeling In: IEEE Transactions on Ultrasonics Ferroelectrics and Frequency Control, 2010, Roč. 57, č. 6. - SCIE ; SCO ; WOS CC, 1383 - 1395
- 2010 [1/12] / CHE** - Zhou, H., Chen, X. F. A new technique to synthesize seismography with more flexibility: the legendre spectral element method with overlapped elements [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2010, Roč. 167, č. 11, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 1365 - 1376
- 2012 [1/12] / GBR** - Rieckh, G., Kreuzer, W., Waubke, H., Balazs, P. A 2.5D-Fourier-BEM model for vibrations in a tunnel running through layered anisotropic soil In: Engineering analysis with boundary elements: the international journal for boundary element research and applications. Southampton: Computational Mechanics Publications, 2012, Roč. 36, č. 6, [tlačená forma]. ISSN 0955-7997. - SCIE ; SCO ; WOS CC, 960 - 967
- 2022 [1/20] / JPN** - Wada, Y., Nakamura, K., Sadamoto, K., Araki, H., Tsujita, W. Integrity assessment of turbine generator rotor wedges based on their resonance characteristics [elektronický dokument] In: Acoustical Science and Technology. Tokio: Acoustical Society of Japan, 2022, Roč. 43, č. 5, [tlačená forma] [online]. ISSN 1346-3969. ISSN (online) 1347-5177. - ESCI ; SCO ; WOS CC, 260 - 268
- 2023 [1/20] / USA** - Masson, Yder, Virieux, Jean. P-SV-wave propagation in heterogeneous media: Velocity-stress distributional finite-difference method [elektronický dokument]. DOI 10.1190/GEO2022-0118.1 In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2023, Roč. 88, č. 3, s. 165-183 [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO ; SCIE ; CCC ; WOS CC, 165 - 183
- 2024 [1/20] / NLD** - Asfour, K., Martin, R., Baz, D. El, Bodet, L., Plazolles, B. Impact of Source Modelling and Poroelastic Models on Numerical Modelling of Unconsolidated Granular Media [elektronický dokument]: Application at the Laboratory Scale. DOI 10.1007/s10712-023-09812-w In: Surveys in Geophysics: an international review journal of geophysics and planetary sciences: an International Review Journal Covering the Entire Field of Geosciences and Related Areas. [Amsterdam]: Springer Nature, 2024, Roč. 45, č. 2, s. 489-524 [tlačená forma] [online]. ISSN 0169-3298. ISSN (online) 1573-0956. - SCO ; WOS CC ; CCC ; SCIE, 489 - 524

2023 [1/20] / USA - Xu, Jiaqi, Hu, Hengshan, Liu, Qing Huo, Han, Bo. A high-order perfectly matched layer scheme for second-order spectral-element time-domain elastic wave modelling [elektronický dokument]. DOI 10.1016/j.jcp.2023.112373 In: Journal of Computational Physics. San Diego : American Academic Press, 2023, č. 491, art. no. 112373 [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCO ; WOS CC ; CCC ; SCIE, art. no. 112373

ADC_039 / Moczo, Peter (Autor) (33.333%) - Kristek, Jozef (Autor) (33.334%) - Bystrický, Erik (Autor) (33.333%): Stability and grid dispersion of the P-SV 4th-order staggered-grid finite-difference schemes. – text. – DOI 10.1023/A:1022112620994. – CCC ; WOS CC ; SCIE ; SCO

In: *Studia Geophysica et Geodaetica* [textový dokument (print)] [elektronický dokument] : a journal of geophysics, meteorology and climatology, geodesy. – Praha (Česko) : Akademie věd České republiky. Geofyzikální ústav AV ČR. – ISSN 0039-3169. – ISSN (online) 1573-1626. – Roč. 44, č. 3 (2000), s. 381-402 [tlačená forma] [online]

Počet všech autorů: 3

[článok]

[OV 091 Fyzika - OV 092 Vedy o Zemi a vesmíre]

Ohlasy (27):

2003 [1/12] / USA - Chavez-Garcia, F. J., Stephenson, W. R. Reply to "Comment on '3D site effects: A thorough analysis of a high-quality dataset,' by F. J. Chavez-Garcia, J. Castillo, and W. R. Stephenson," by R. Paolucci and E. Faccioli [elektronický dokument] In: Bulletin of the Seismological Society of America. El Cerrito: Seismological Society of America, 2003, Roč. 93, č. 5, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; WOS CC, 2306 - 2316

2007 [1/12] / USA - De Basabe, J. D., Sen, M. K. Grid dispersion and stability criteria of some common finite-element methods for acoustic and elastic wave equations [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2007, Roč. 72, č. 6, 81- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2007 [1/12] / neurčené - De Basabe, J. D., Sen, M. K. Grid dispersion and stability criteria of some common finite-difference and finite-element methods for acoustic and elastic wave propagation In: SEG Technical Program Expanded Abstracts, 2007, Roč. 26, č. 1. - SCO, 1992 - 1996

2008 [1/12] / IND - Kumar, S., Narayan, J. P. Importance of quantification of local site effects based on wave propagation in seismic microzonation [elektronický dokument] In: Journal of Earth System Science. Bangalúr: Indian Academy of Sciences, 2008, Roč. 117, č. 2, [tlačená forma] [online]. ISSN 0253-4126. ISSN (online) 0973-774X. - SCIE ; SCO ; WOS CC, 731 - 748

2008 [1/12] / POL - Kumar, S., Narayan, J. Absorbing boundary conditions in a fourth-order accurate SH-wave staggered grid finite difference algorithm [elektronický dokument] In: Acta Geophysica. Varšava: Springer Nature. Springer International Publishing AG, 2008, Roč. 56, č. 4, [tlačená forma] [online]. ISSN 1895-6572. ISSN (online) 1895-7455. - SCIE ; SCO ; WOS CC, 1090 - 1108

2008 [1/12] / NLD - Narayan, J. P., Richharia, A. A. Effects of strong lateral discontinuity on ground motion characteristics and aggravation factor [elektronický dokument] In: Journal of Seismology. Dordrecht: Springer Nature, 2008, Roč. 12, č. 4, [tlačená forma] [online]. ISSN 1383-4649. ISSN (online) 1573-157X. - SCIE ; SCO ; WOS CC, 557 - 573

2008 [1/12] / CHE - Narayan, J. P., Kumar, S. A fourth order accurate SH-Wave staggered grid finite-difference algorithm with variable grid size and VGR-Stress imaging technique [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2008, Roč. 165, č. 2, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 271 - 294

2009 [1/12] / neurčené - Sun, C., Xiao, Y., Yin, X., Peng, H. Stability condition of finite difference solution for viscoelastic wave equations [elektronický dokument] In: Earthquake Science, 2009, Roč. 22, č. 5. ISSN 16744519. ISSN (online) 18678777. - ESCI ; SCO ; WOS CC, 479 - 485

2013 [1/12] / HRV - Narayan, J. P., Kumar, V. A fourth-order accurate finite-difference program for the simulation of SH-wave propagation in heterogeneous viscoelastic medium [elektronický dokument] In: Geofizika. Zagreb: Geofizički zavod, 2013, Roč. 30, č. 2, [tlačená forma] [online]. ISSN 0352-3659. ISSN (online) 1846-6346. - SCIE ; SCO ; WOS CC, 173 - 189

2014 [1/12] / DEU - Narayan, J. P., Sahar, D. Three-dimensional viscoelastic finite-difference code and modelling of basement focusing effects on ground motion characteristics [elektronický dokument] In: Computational Geosciences: Modeling, Simulation and Data Analysis. Berlín: Springer Nature. Springer International Publishing AG, 2014, Roč. 18, č. 6, [tlačaná forma] [online]. ISSN 1420-0597. ISSN (online) 1573-1499. - SCIE ; SCO ; WOS CC, 1023 - 1047

2014 [1/12] / POL - Shiuly, A., Kumar, V., Narayan, J. P. Computation of ground motion amplification in Kolkata megacity (India) using finite-difference method for seismic microzonation [elektronický dokument] In: Acta Geophysica. Varšava: Springer Nature. Springer International Publishing AG, 2014, Roč. 62, č. 3, [tlačaná forma] [online]. ISSN 1895-6572. ISSN (online) 1895-7455. - SCIE ; SCO ; WOS CC, 425 - 450

2010 [1/12] / HRV - Narayan, J. P., Kumar, S. A 4(th) order accurate P-SV wave staggered grid finite difference algorithm with variable grid size and VGR-stress imaging technique [elektronický dokument] In: Geofizika. Zagreb: Geofizički zavod, 2010, Roč. 27, č. 1, [tlačaná forma] [online]. ISSN 0352-3659. ISSN (online) 1846-6346. - SCIE ; SCO ; WOS CC, 45 - 68

2010 [1/12] / POL - Narayan, J. P., Kumar, S. Study of effects of focal depth on the characteristics of Rayleigh waves using finite difference method [elektronický dokument] In: Acta Geophysica. Varšava: Springer Nature. Springer International Publishing AG, 2010, Roč. 58, č. 4, [tlačaná forma] [online]. ISSN 1895-6572. ISSN (online) 1895-7455. - SCIE ; SCO ; WOS CC, 624 - 644

2014 [1/12] / USA - Narayan, J. P., Kumar, R. Spatial spectral amplification of basin-transduced Rayleigh waves [elektronický dokument] In: Natural Hazards. New York: Springer Nature. Springer, 2014, Roč. 71, č. 1, [tlačaná forma] [online]. ISSN 0921-030X. ISSN (online) 1573-0840. - SCIE ; SCO ; WOS CC, 751 - 765

2014 [1/12] / POL - Narayan, J. P., Kumar, V. Study of combined effects of sediment rheology and basement focusing in an unbounded viscoelastic medium using P-SV-wave finite-difference modelling [elektronický dokument] In: Acta Geophysica. Varšava: Springer Nature. Springer International Publishing AG, 2014, Roč. 62, č. 6, [tlačaná forma] [online]. ISSN 1895-6572. ISSN (online) 1895-7455. - SCIE ; SCO ; WOS CC, 1214 - 1245

2015 [1/12] / GBR - De Basabe, J. D., Sen, M. K. A comparison of finite-difference and spectral-element methods for elastic wave propagation in media with a fluid-solid interface [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2015, Roč. 200, č. 1, [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 278 - 298

2010 [1/12] / neurčené - Emoto, K., Sato, H., Nishimura, T. Synthesis of vector wave envelopes on the free surface of a random medium for the vertical incidence of a plane wavelet based on the Markov approximation In: Journal of Geophysical Research-Solid Earth, 2010, Roč. 115, č. 8. - SCIE ; SCO ; WOS CC, Art. No. B08306

2010 [1/12] / CHN - Sun, C., Xiao, Y., Yin, X., Peng, H. Study on the stability of finite difference solution of visco-elastic wave equations In: Dizhen xuebao. [s.l.]: Acta Seismologica Sinica Press, 2010, Roč. 32, č. 2, [tlačaná forma]. ISSN 0253-3782. - SCO, 147 - 156

2012 [1/12] / GBR - Emoto, K., Sato, H., Nishimura, T. Synthesis and applicable condition of vector wave envelopes in layered random elastic media with anisotropic autocorrelation function based on the Markov approximation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2012, Roč. 188, č. 1, [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 325 - 335

2012 [1/12] / USA - Shiuly, A., Narayan, J. P. Deterministic seismic microzonation of Kolkata city [elektronický dokument] In: Natural Hazards. New York: Springer Nature. Springer, 2012, Roč. 60, č. 2, [tlačaná forma] [online]. ISSN 0921-030X. ISSN (online) 1573-0840. - SCIE ; SCO ; WOS CC, 223 - 240

2013 [1/12] / GBR - Wang, Y., Takenaka, H., Jiang, X., Lei, J. Modelling two-dimensional global seismic wave propagation in a laterally heterogeneous whole-Moon model [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2013, Roč. 192, č. 3, [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1271 - 1287

2015 [1/12] / neurčené - Du, Q. Z., Guo, C. F., Gong, X. F. Hybrid PS/FD numerical simulation and stability analysis of pure P-wave propagation in VTI media In: Chinese Journal of Geophysics-Chinese

2016 [1/12] / neurčené - Titarenko, S., Kulikov, I., Chernykh, I., Shishlenin, M., Krivorotko, O., Hildyard, M. Multilevel parallelization: Grid methods for solving direct and inverse problems In: Communications in Computer and Information Science, 2016, Roč. 687. - CPCI-S ; SCO ; WOS CC, 118 - 131

2017 [1/12] / USA - Di Bartolo, L., Lopes, L., Lemos, L.J.R. High-order finite-difference approximations to solve pseudoacoustic equations in 3D VTI media [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2017, Roč. 82, č. 5, 225- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2017 [1/12] / NLD - Titarenko, S.S.– Hildyard, M. Multilevel Parallelization: Grid Methods for Solving Direct and Inverse Problems [elektronický dokument]. DOI 10.1016/j.cpc.2017.02.022 In: Computer Physics Communications: An International Journal and Program Library for Computational Physics and Physical Chemistry. Amsterdam: Elsevier, 2017, Roč. 216, [tlačená forma] [online]. ISSN 0010-4655. ISSN (online) 1879-2944. - SCIE ; SCO ; WOS CC, 53 - 62

2024 [1/20] / DEU - Rojas, Otilio, Mendoza, Larry, Otero, Beatriz, Villamizar, Jorge, Calderón, Giovanni, Castillo, Jose E., Miranda, Guillermo. A dispersion analysis of uniformly high order, interior and boundaries, mimetic finite difference solutions of wave propagation problems [elektronický dokument]. DOI 10.1007/s13137-023-00242-9 In: GEM - International Journal on Geomathematics. Heidelberg: Springer Nature. Springer, 2024, Roč. 15, č. 1, [tlačená forma] [online]. ISSN 1869-2672. ISSN (online) 1869-2680. - SCO ; WOS CC

2017 [1/20] / NLD - Titarenko, Sofya, Hildyard, Mark. Hybrid multicore/vectorisation technique applied to the elastic wave equation on a staggered grid [elektronický dokument]. DOI 10.1016/j.cpc.2017.02.022 In: Computer Physics Communications: An International Journal and Program Library for Computational Physics and Physical Chemistry. Amsterdam: Elsevier, 2017, č. 216, s. 53-62 [tlačená forma] [online]. ISSN 0010-4655. ISSN (online) 1879-2944. - SCO ; WOS CC ; CCC ; SCIE, 53 - 62

ADC_040 / Moczo, Peter (Autor) (33.333%) - Kristek, Jozef (Autor) (33.334%) - Halada, Ladislav (Autor) (33.333%): 3D fourth-order staggered-grid finite-difference schemes : Stability and grid dispersion. – text. – DOI 10.1785/0119990119. – CCC ; SCO ; WOS CC ; SCIE

In: *Bulletin of the Seismological Society of America* [textový dokument (print)] [elektronický dokument] . – ElCerrito (USA) : Seismological Society of America. – ISSN 0037-1106. – ISSN (online) 1943-3573. – Roč. 90, č. 3 (2000), s. 587-603 [tlačená forma] [online]

Počet všech autorů: 3

[článek]

[OV 091 Fyzika - OV 092 Vedy o Zemi a vesmíře]

Ohlasy (199):

2000 [1/12] / NLD - Brokešová, J.- Zahradník, J., Paraskevopoulos, P. Ray and finite-difference modelling of CDP seismic sections for shallow lignite deposits [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2000, Roč. 45, č. 4, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, 261 - 272

2002 [1/12] / USA - Hong, T. K., Kennett, B. L. N. On a wavelet-based method for the numerical simulation of wave propagation [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2002, Roč. 183, č. 2, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 577 - 622

2002 [1/12] / USA - Chavez-Garcia, F. J., Castillo, J., Stephenson, W. R. 3D site effects: A thorough analysis of a high-quality dataset [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2002, Roč. 92, č. 5, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1941 - 1951

2002 [3/12] / neurčené - Kennett, B. L. N. The Seismic Wavefield. Volume 2: Interpretation of Seismograms on Regional and Global Scales [textový dokument (print)] . Cambridge: Cambridge University Press, 2002. 1 vyd.

2002 [3/12] / neurčené - O'Connell, D. R. H., Ake, J. P. Earthquake ground motion estimation In: Earthquakes: Two Volume Set (Hazards and Disasters). New York: Routledge, 2002

2002 [3/12] / neurčené - Saenger, E. H., Bohlen, T. Viscoelastic finite-difference modeling using the rotated staggered grid In: 64th EAGE Conference & Exhibition, Extended Abstract, Volume 1 : http://tea.geophysik.tu-freiberg.de/assets/media/Personal/bohlen/public_html/talks/eage2002/saenger.pdf, 2002, 2002, Art. No. Z-99

-/- [3/12] / neurčené - Saenger, E. H., Bohlen, T. 3D finite-difference modeling of viscoelastic and anisotropic wave propagation using the rotated staggered grid In: 72nd Annual SEG Meeting Expanded Abstracts. Salt Lake City: Univerzita obrany v Brně, [s.a.], 2019 - 2022

2003 [1/12] / USA - Festa, G., Nielsen, S. PML absorbing boundaries [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2003, Roč. 93, č. 2, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 891 - 903

2007 [1/12] / USA - Haney, M. M. Generalization of von Neumann analysis for a model of two discrete half-spaces: The acoustic case [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2007, Roč. 72, č. 5, [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2003 [1/12] / GBR - Chavez-Garcia, F. J. Site effects in Parkway Basin: comparison between observations and 3-D modelling [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2003, Roč. 154, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 633 - 646

2005 [1/12] / USA - Perez-Ruiz, J. A., Luzon, F., Garcia-Jerez, A. Simulation of an irregular free surface with a displacement finite-difference scheme [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2005, Roč. 95, č. 6, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2216 - 2231

2006 [3/12] / neurčené - Oliveira, C. S., Roca, A., Goula, X. Assessing and Managing Earthquake Risk [textový dokument (print)] . Berlin: Springer, 2006. 1 vyd.

2007 [1/12] / USA - De Basabe, J. D., Sen, M. K. Grid dispersion and stability criteria of some common finite-element methods for acoustic and elastic wave equations [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2007, Roč. 72, č. 6, 81- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2003 [1/12] / USA - Hestholm, S. Elastic wave modeling with free surfaces: Stability of long simulations [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2003, Roč. 68, č. 1, [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC, 314 - 321

2004 [3/12] / neurčené - Festa, G. Slip imaging by isochron back projection and source dynamics with spectral element methods [textový dokument (print)] . Bologna: Università degli Studi di Bologna, 2004. 1 vyd.

2004 [1/12] / USA - Kang, T. S., Baag, C. E. Finite-difference seismic simulation combining discontinuous grids with locally variable timesteps [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2004, Roč. 94, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 207 - 219

2004 [1/12] / USA - Kang, T. S., Baag, C. E. An efficient finite-difference method for simulating 3D seismic response of localized basin structures [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2004, Roč. 94, č. 5, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1690 - 1705

2004 [1/12] / USA - Saenger, E. H., Bohlen, T. Finite-difference modeling of viscoelastic and anisotropic wave propagation using the rotated staggered grid [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2004, Roč. 69, č. 2, [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC, 583 - 591

2004 [1/12] / USA - Tadi, M. Finite volume method for 2D elastic wave propagation [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2004, Roč. 94, č. 4, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE

; SCO ; WOS CC, 1500 - 1509

2006 [1/12] / USA - Angus, D. A., Thomson, C. J. Numerical analysis of a narrow-angle, one-way, elastic-wave equation and extension to curvilinear coordinates [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2006, Roč. 71, č. 5, 137- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2006 [1/12] / GBR - Wang, G. Q., Zhou, X. Y. 3D finite-difference simulations of strong ground motions in the Yanhuai area, Beijing, China during the 1720 Shacheng earthquake (M-s 7.0) using a stochastic finite-fault model [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2006, Roč. 26, č. 10, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 960 - 982

2007 [1/12] / USA - Corish, S. A., Bradley, C. R., Olsen, K. B. Assessment of a nonlinear dynamic rupture inversion technique applied to a synthetic earthquake [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2007, Roč. 97, č. 3, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 901 - 914

2008 [1/12] / NLD - Bansal, R., Sen, M. K. Finite-difference modelling of S-wave splitting in anisotropic media [elektronický dokument] In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2008, Roč. 56, č. 3, [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCIE ; SCO ; WOS CC, 293 - 312

2008 [1/12] / CHE - Cakir, O. Simulation of 3-D Teleseismic SV-waves Accelerated by the Multilevel Fast Multipole Method [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2008, Roč. 165, č. 9-10, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 1707 - 1732

2011 [1/12] / neurčené - Prieto, F. U., Munoz, J. J. B., Corvinos, L. G., Casino, E. S., Acevedo, A. C. Estudio de la estabilidad y dispersion del problema de propagacion de ondas sismicas en 2-D utilizando el metodo de diferencias finitas generalizadas In: Revista Internacional de Metodos Numericos para Calculo y Diseno en Ingenieria, 2011, Roč. 27, č. 4. - SCIE ; SCO ; WOS CC, 269 - 277

2009 [1/12] / neurčené - Aldridge, D. F., Preston, L. A. Dispersion and attenuation for the anelastic velocity-memory-stress system In: SEG Technical Program Expanded Abstracts, 2009, Roč. 28, č. 1. - SCO, 3584 - 3589

2009 [1/12] / GBR - JafarGandomi, A., Takenaka, H. Non-standard FDTD for elastic wave simulation: Two-dimensional P-SV case [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2009, Roč. 178, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 282 - 302

2012 [1/12] / NLD - Yang, D., Tong, P., Deng, X. A central difference method with low numerical dispersion for solving the scalar wave equation [elektronický dokument] In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2012, Roč. 60, č. 5, [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCIE ; SCO ; WOS CC, 885 - 905

2011 [1/12] / neurčené - Fichtner, A. Full seismic waveform modelling and inversion : Advances in Geophysical and Environmental Mechanics and Mathematics [textový dokument (print)] . Berlin: Springer, 2011. 1 vyd. - BKCI-S ; WOS CC, 1

2011 [1/12] / GBR - Skarlatoudis, A. A., Papazachos, C. B., Theodoulidis, N. Spatial distribution of site effects and wave propagation properties in Thessaloniki (N. Greece) using a 3-D finite difference method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2011, Roč. 185, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 485 - 513

2012 [1/12] / USA - Petrov, P. V., Newman, G. A. 3D finite-difference modeling of elastic wave propagation in the Laplace-Fourier domain [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2012, Roč. 77, č. 4, 137- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2012 [1/12] / USA - Skarlatoudis, A. A., Papazachos, C. B., Theodoulidis, N. Site-response study of Thessaloniki (Northern Greece) for the 4 July 1978 M 5.1 aftershock of the June 1978 M 6.5 sequence using a 3D finite-difference approach [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2012, Roč. 102, č. 2, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 722 - 737

2010 [1/12] / USA - Yang, D. H., Wang, L. A split-step algorithm for effectively suppressing the numerical dispersion for 3D seismic propagation modeling [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2010, Roč. 100, č. 4, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1470 - 1484

2012 [1/12] / USA - Nakamura, T., Takenaka, H., Okamoto, T., Kaneda, Y. FDM simulation of seismic-wave propagation for an aftershock of the 2009 Suruga bay earthquake: Effects of ocean-bottom topography and seawater layer [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2012, Roč. 102, č. 6, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2420 - 2435

2012 [1/12] / neurčené - Wang, N., Yang, D., Liu, F. Weak dispersion wave-field simulations: A predictor-corrector algorithm for solving acoustic and elastic wave equations In: Journal of Seismic Exploration, 2012, Roč. 21, č. 2. ISSN 09630651. - SCIE ; SCO ; WOS CC, 125 - 152

2013 [1/12] / USA - Li, J., Yang, D., Liu, F. An efficient reverse time migration method using local nearly analytic discrete operator [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2013, Roč. 78, č. 1, 15- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2008 [1/12] / USA - Harmsen, S., Hartzell, S., Liu, P. C. Simulated ground motion in Santa Clara valley, California, and vicinity from $M \geq 6.7$ scenario earthquakes [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2008, Roč. 98, č. 3, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1243 - 1271

2008 [1/12] / USA - Martin, R., Komatitsch, D., Ezziani, A. An unsplit convolutional perfectly matched layer improved at grazing incidence for seismic wave propagation in poroelastic media [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2008, Roč. 73, č. 4, 51- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2009 [1/12] / GBR - Cakir, O. Forward modelling the multiply scattered 2.5-D teleseismic P waves accelerated by the multilevel fast multipole method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2009, Roč. 176, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 505 - 517

2009 [1/12] / GBR - Liu, Y., Sen, M. K. An implicit staggered-grid finite-difference method for seismic modelling [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2009, Roč. 178, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 459 - 474

2009 [1/12] / neurčené - Miah, K. H., Sen, M. K. Grid dispersion minimization in Green's tensor used in Scattering Integral (SI) inversion method In: SEG Technical Program Expanded Abstracts, 2009, Roč. 28, č. 1. - SCO, 2521 - 2525

2010 [1/12] / GBR - Chen, J. Y., Bording, R. P. Application of the nearly perfectly matched layer to the propagation of low-frequency acoustic waves [elektronický dokument] In: Journal of Geophysics and Engineering. Oxford: Oxford University Press, 2010, Roč. 7, č. 3, [tlačená forma] [online]. ISSN 1742-2132. ISSN (online) 1742-2140. - SCIE ; SCO ; WOS CC, 277 - 283

2010 [1/12] / neurčené - Chen, J. Y., Zhang, C. Y., Bording, R. P. Comparison between the nearly perfectly matched layer and unsplit convolutional perfectly matched layer methods using acoustic wave modeling In: Journal of Seismic Exploration, 2010, Roč. 19, č. 2. ISSN 09630651. - SCIE ; SCO ; WOS CC, 173 - 185

2010 [1/12] / neurčené - Chen, J. Y., Bording, R. P., Liu, E. R., Zhang, Z. J., Badal, J. The application of

the nearly optimal sponge boundary conditions for seismic wave propagation in poroelastic media In: Journal of Seismic Exploration, 2010, Roč. 19, č. 1. ISSN 09630651. - SCIE ; SCO ; WOS CC, 1 - 19

2010 [1/12] / neurčené - Chen, S., Yang, D. H., Deng, X. Y. An improved algorithm of the fourth-order Runge-Kutta method and seismic wave-field simulation In: Chinese Journal of Geophysics-Chinese Edition, 2010, Roč. 53, č. 5. - SCIE ; SCO ; WOS CC, 1196 - 1206

2010 [1/12] / USA - Yang, D. H., Song, G. J., Hua, B. L., Calandra, H. Simulation of acoustic wavefields in heterogeneous media: A robust method for automatic suppression of numerical dispersion [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2010, Roč. 75, č. 3, 99- [tlačaná forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2011 [1/12] / USA - Liu, Y., Sen, M. K. Scalar wave equation modeling with time-space domain dispersion-relation-based staggered-grid finite-difference schemes [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2011, Roč. 101, č. 1, [tlačaná forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 141 - 159

2011 [1/12] / GBR - Ma, X., Yang, D., Liu, F. A nearly analytic symplectically partitioned Runge-Kutta method for 2-D seismic wave equations [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2011, Roč. 187, č. 1, [tlačaná forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 480 - 496

2011 [1/12] / neurčené - Tong, P., Yang, D., Hua, B. High accuracy wave simulation - Revised derivation, numerical analysis and testing of a nearly analytic integration discrete method for solving acoustic wave equation In: International journal of solids and structures, 2011, Roč. 48, č. 1, [tlačaná forma]. ISSN 0020-7683. - SCIE ; SCO ; WOS CC, 56 - 70

2012 [1/12] / neurčené - De Hon, B. P., Arnold, J. M. Recursive evaluation of space-time lattice Green's functions [elektronický dokument] In: Journal of Physics A: Mathematical and General, 2012, Roč. 45, č. 38, [tlačaná forma]. ISSN 0305-4470. ISSN (online) 1361-6447. - SCIE ; SCO ; WOS CC, Art. No. 385202

2012 [1/12] / NLD - Ducellier, A., Aochi, H. Interactions between topographic irregularities and seismic ground motion investigated using a hybrid FD-FE method [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2012, Roč. 10, č. 3, [tlačaná forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 773 - 779

2012 [1/12] / USA - Chu, C., Stoffa, P. L. Implicit finite-difference simulations of seismic wave propagation [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2012, Roč. 77, č. 2, 57- [tlačaná forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2012 [1/12] / DEU - Lisitsa, V., Reshetova, G., Tcheverda, V. Finite-difference algorithm with local time-space grid refinement for simulation of waves [elektronický dokument] In: Computational Geosciences: Modeling, Simulation and Data Analysis. Berlín: Springer Nature. Springer International Publishing AG, 2012, Roč. 16, č. 1, [tlačaná forma] [online]. ISSN 1420-0597. ISSN (online) 1573-1499. - SCIE ; SCO ; WOS CC, 39 - 54

2012 [1/12] / NLD - Liu, T., Sen, M. K., Hu, T., De Basabe, J. D., Li, L. Dispersion analysis of the spectral element method using a triangular mesh [elektronický dokument] In: Wave Motion. Amsterdam: Elsevier. Elsevier Science, 2012, Roč. 49, č. 4, [tlačaná forma] [online]. ISSN 0165-2125. ISSN (online) 1878-433X. - SCIE ; SCO ; WOS CC, 474 - 483

2012 [1/12] / NLD - Yu, C. Q., Chen, W. P., Ning, J. Y., Tao, K., Tseng, T. L., Fang, X. D., John Chen, Y., van der Hilst, R. D. Thick crust beneath the Ordos plateau: Implications for instability of the North China craton [elektronický dokument] In: Earth and Planetary Science Letters: a letter journal devoted to the development in time of the earth and planetary system. Amsterdam: Elsevier, 2012, Roč. 357-358, [tlačaná forma] [online]. ISSN 0012-821X. ISSN (online) 1385-013X. - SCIE ; SCO ; WOS CC, 366 - 375

2013 [1/12] / USA - Chang, S. L., Liu, Y. A truncated implicit high-order finite-difference scheme combined with boundary conditions [elektronický dokument] In: Applied Geophysics. New York: Springer

Nature, 2013, Roč. 10, č. 1, [tlačená forma] [online]. ISSN 16727975. ISSN (online) 19930658. - SCIE ; SCO ; WOS CC, 53 - 62

2014 [1/12] / DEU - Rojas, O., Otero, B., Castillo, J. E., Day, S. M. Low dispersive modeling of Rayleigh waves on partly staggered grids [elektronický dokument] In: Computational Geosciences: Modeling, Simulation and Data Analysis. Berlín: Springer Nature. Springer International Publishing AG, 2014, Roč. 18, č. 1, [tlačená forma] [online]. ISSN 1420-0597. ISSN (online) 1573-1499. - SCIE ; SCO ; WOS CC, 29 - 43

2016 [1/12] / USA - Yang, G., Chen, Y., Song, G., Yang, Y., Luo, C., Jin, J., Li, S. An NAD scheme with wavenumber error optimized for 2D scalar wave equation [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2016, Roč. 106, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 189 - 203

2013 [1/12] / GBR - Zhang, Z., Zhang, W., Li, H., Chen, X. Stable discontinuous grid implementation for collocated-grid finite-difference seismic wave modelling [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2013, Roč. 192, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1179 - 1188

2014 [1/12] / GBR - Tan, S., Huang, L. An efficient finite-difference method with high-order accuracy in both time and space domains for modelling scalar-wave propagation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2014, Roč. 197, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1250 - 1267

2015 [1/12] / USA - Ma, X., Yang, D., Song, G. A Low-Dispersive Symplectic Partitioned Runge-Kutta Method for Solving Seismic-Wave Equations: 2. Wavefield Simulations [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2015, Roč. 105, č. 2, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 657 - 675

2016 [1/12] / USA - Yan, H., Yang, L., Li, X. Y. Optimal staggered-grid finite-difference schemes bycombining Taylor-series expansion and sampling approximation for wave equation modeling [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2016, Roč. 326, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 913 - 930

2014 [1/12] / GBR - Liu, Y. Optimal staggered-grid finite-difference schemes based on least-squares for wave equation modelling [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2014, Roč. 197, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1033 - 1047

2015 [1/12] / NLD - Ducellier, A., Aochi, H. Importance of crustal structure and anelastic attenuation for estimating ground motion parameters by finite difference simulation [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2015, Roč. 13, č. 7, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 1893 - 1911

2016 [1/12] / neurčené - Herrera, C., Caicedo, B. Finite Difference Time Domain Simulations of Dynamic Response of Thin Multilayer Soil in Continuous Compaction Control In: Advances in Transportation Geotechnics 3 : Procedia Engineering. Amsterdam: Elsevier, 2016. - CPCI-S ; SCO ; WOS CC, 411 - 418

2013 [1/12] / GBR - Long, G., Zhao, Y., Zou, J. A temporal fourth-order scheme for the first-order acoustic wave equations [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2013, Roč. 194, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1473 - 1485

2015 [1/12] / GBR - He, X., Yang, D., Wu, H. A weighted Runge-Kutta discontinuous Galerkin method for wavefield modelling [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2015, Roč. 200, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1389 - 1410

2016 [1/12] / USA - Yang, D., He, X., Ma, X., Zhou, Y., Li, J. An optimal nearly analytic discrete-weighted Runge-Kutta discontinuous Galerkin hybrid method for acoustic wavefield modeling [elektronický

dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2016, Roč. 81, č. 5, 251- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2015 [1/12] / NLD - Di Bartolo, L., Dors, C., Mansur, W. J. Theory of equivalent staggered-grid schemes: application to rotated and standard grids in anisotropic media [elektronický dokument] In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2015, Roč. 63, č. 5, [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCIE ; SCO ; WOS CC, 1097 - 1125

2017 [1/12] / GBR - Li, J.S., Yang, D.H., Wu, H., Ma, X. A low-dispersive method using the high-order stereo-modelling operator for solving 2-D wave equations [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 210, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1938 - 1964

2016 [1/12] / neurčené - Zhang, B. Q., Zhou, H., Chen, H. M., Sheng, S. B. Time-space domain high-order finite-difference methods for seismic wave numerical simulation based on new stencils In: Chinese Journal of Geophysics-Chinese Edition, 2016, Roč. 59, č. 5. - SCIE ; SCO ; WOS CC, 1804 - 1814

2017 [1/12] / USA - Chen, H., Zhou, H., Zhang, Q., Chen, Y. Modeling elastic wave propagation using K-space operator-based temporal high-order staggered-grid finite-difference method [elektronický dokument] In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2017, Roč. 55, č. 2, [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCIE ; SCO ; WOS CC, 801 - 815

2013 [1/12] / USA - Liu, Y. Globally optimal finite-difference schemes based on least squares [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2013, Roč. 78, č. 4, 113- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2014 [1/12] / GBR - Liu, S., Li, X., Wang, W., Liu, Y. A mixed-grid finite element method with PML absorbing boundary conditions for seismic wave modelling [elektronický dokument] In: Journal of Geophysics and Engineering. Oxford: Oxford University Press, 2014, Roč. 11, č. 5, [tlačená forma] [online]. ISSN 1742-2132. ISSN (online) 1742-2140. - SCIE ; SCO ; WOS CC, Art. No. 055009

2014 [1/12] / neurčené - Li, L., Liu, T., Hu, T. Y. Spectral element method with triangular mesh and its application in seismic modeling In: Chinese Journal of Geophysics-Chinese Edition, 2014, Roč. 57, č. 4. - SCIE ; SCO ; WOS CC, 1224 - 1234

2014 [1/12] / neurčené - Wang, N., Zhou, Y. A weak dispersion 3d wave field simulation method: A predictor-corrector method of the Implicit Runge-Kutta Scheme In: Journal of Seismic Exploration, 2014, Roč. 23, č. 5. ISSN 09630651. - SCIE ; SCO ; WOS CC, 431 - 462

2013 [1/12] / USA - Tong, P., Yang, D., Hua, B., Wang, M. A high-order stereo-modeling method for solving wave equations [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2013, Roč. 103, č. 2, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 811 - 833

2013 [1/12] / GBR - Yang, D., Wang, M., Ma, X. Symplectic stereomodelling method for solving elastic wave equations in porous media [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2013, Roč. 196, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 560 - 579

2013 [1/12] / neurčené - Zhang, M., Xiong, Z., Zhang, D. 3D finite difference parallel simulation of Rayleigh wave based on message passing interface In: Geophysical Prospecting for Petroleum, 2013, Roč. 52, č. 4. - SCO, 354 - 362

2014 [1/12] / USA - Fang, X., Fehler, M. C., Cheng, A. Simulation of the effect of stress-induced anisotropy on borehole compressional wave propagation [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2014, Roč. 79, č. 4, 205- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC

- 2014 [1/12] / neurčené** - Feng, L. L., Yang, D. H., Zhou, Y. J. Acoustic prestack reverse time migration based on the symplectic method In: Chinese Journal of Geophysics-Chinese Edition, 2014, Roč. 57, č. 12. - SCIE ; SCO ; WOS CC, 4157 - 4170
- 2014 [1/12] / USA** - Chen, Y., Song, G., Xue, Z., Jing, H., Fu, H., Yang, G. An improved optimal nearly analytical discretized method for 2D scalar wave equation in heterogeneous media based on the modified nearly analytical discrete operator [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2014, Roč. 79, č. 6, 349- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC
- 2014 [1/12] / neurčené** - Liu, S. L., Li, X. F., Wang, W. S., Liu, Y. S., Zhang, M. G., Zhang, H. A new kind of optimal second-order symplectic scheme for seismic wave simulations In: Science China Earth Sciences, 2014, Roč. 57, č. 4. - SCIE ; SCO ; WOS CC, 751 - 758
- 2014 [1/12] / NLD** - Liu, Y. An optimal 5-point scheme for frequency-domain scalar wave equation [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2014, Roč. 108, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, 19 - 24
- 2014 [1/12] / neurčené** - Liu, S. L., Li, X. F., Liu, Y. S., Zhu, T., Zhang, M. G. Dispersion analysis of triangle-based finite element method for acoustic and elastic wave simulations In: Chinese Journal of Geophysics-Chinese Edition, 2014, Roč. 57, č. 8. - SCIE ; SCO ; WOS CC, 2620 - 2630
- 2014 [1/12] / USA** - Ma, X., Yang, D., Song, G., Wang, M. A Low-Dispersive Symplectic Partitioned Runge-Kutta Method for Solving Seismic-Wave Equations: 1. Scheme and Theoretical Analysis [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2014, Roč. 104, č. 5, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2206 - 2225
- 2014 [1/12] / USA** - Molnar, S., Cassidy, J. F., Olsen, K. B., Dosso, S. E., He, J. Earthquake ground motion and 3D Georgia basin amplification in Southwest British Columbia: Deep Juan de Fuca Plate scenario earthquakes [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2014, Roč. 104, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 301 - 320
- 2014 [1/12] / CHE** - Nakamura, T., Nakano, M., Hayashimoto, N., Takahashi, N., Takenaka, H., Okamoto, T., Araki, E., Kaneda, Y. Anomalous large seismic amplifications in the seafloor area off the Kii peninsula [elektronický dokument] In: Marine Geophysical Research. Dordrecht: Springer Nature, 2014, Roč. 35, č. 3, [tlačená forma] [online]. ISSN 0025-3235. ISSN (online) 1573-0581. - SCIE ; SCO ; WOS CC, 255 - 270
- 2014 [1/12] / CHE** - Nakamura, T., Takenaka, H., Okamoto, T., Kaneda, Y. Seismic Wavefields in the Deep Seafloor Area from a Submarine Landslide Source [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazel: Springer Nature. Springer International Publishing AG, 2014, Roč. 171, č. 7, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 1153 - 1167
- 2014 [1/12] / USA** - Xie, W., Yang, D., Liu, F., Li, J. Reverse-time migration in acoustic VTI media using a high-order stereo operator [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2014, Roč. 79, č. 3, [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC
- 2014 [1/12] / GBR** - Yang, D., Wang, M., Ma, X. Symplectic stereomodelling method for solving elastic wave equations in porous media [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2014, Roč. 196, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 560 - 579
- 2014 [1/12] / NLD** - Zhang, Y., Gao, J. A 3D staggered-grid finite difference scheme for poroelastic wave equation [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2014, Roč. 109, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, 281 - 291
- 2014 [1/12] / neurčené** - Zhang, C., Li, X., Ma, X., Song, G. A Runge-Kutta method with using eighth-order nearly-analytic spatial discretization operator for solving a 2D acoustic wave equation In:

Journal of Seismic Exploration, 2014, Roč. 23, č. 3. ISSN 09630651. - SCIE ; SCO ; WOS CC, 279 - 302

2014 [1/12] / neurčené - Zhang, X., Yang, D., Song, G. A nearly analytic exponential time difference method for solving 2D seismic wave equations [elektronický dokument] In: Earthquake Science, 2014, Roč. 27, č. 1. ISSN 16744519. ISSN (online) 18678777. - ESCI ; SCO ; WOS CC, 57 - 77

2015 [1/12] / USA - Cai, X. H., Liu, Y., Ren, Z. M., Wang, J. M., Chen, Z. D., Chen, K. Y., Wang, C. Three-dimensional acoustic wave equation modeling based on the optimal finite-difference scheme [elektronický dokument] In: Applied Geophysics. New York: Springer Nature, 2015, Roč. 12, č. 3, [tlačená forma] [online]. ISSN 16727975. ISSN (online) 19930658. - SCIE ; SCO ; WOS CC, 409 - 420

2015 [1/12] / USA - Feng, L., Yang, D., Xie, W. An efficient symplectic reverse time migration method using a local nearly analytic discrete operator in acoustic transversely isotropic media with a vertical symmetry axis [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2015, Roč. 80, č. 4, 103- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2015 [1/12] / neurčené - Fichtner, A., van Leeuwen, T. Resolution analysis by random probing In: Journal of Geophysical Research-Solid Earth, 2015, Roč. 120, č. 8. - SCIE ; SCO ; WOS CC, 5549 - 5573

2015 [1/12] / neurčené - Guo, J., Chen, X., Gao, M., Li, C. Review of long period strong ground motion simulations at near-field based on kinematic source models In: World Information on Earthquake Engineering, 2015, Roč. 31, č. 4. - SCO, 226 - 235

2015 [1/12] / neurčené - Karavaev, D., Glinsky, B., Kovalevsky, V. A technology of 3D elastic wave propagation simulation using hybrid supercomputers In: CEUR Workshop Proceedings, 2015, Roč. 1482. - SCO, 26 - 33

2015 [1/12] / USA - Li, J., Fehler, M., Yang, D., Huang, X. 3D weak-dispersion reverse time migration using a stereo-modeling operator [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2015, Roč. 80, č. 1, 19- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC

2015 [1/12] / GBR - Liang, W. Q., Wang, Y. F., Yang, C. C. Comparison of numerical dispersion in acoustic finite-difference algorithms [elektronický dokument] In: Exploration Geophysics. Abingdon: Taylor & Francis Group, 2015, Roč. 46, č. 2, [tlačená forma] [online]. ISSN 08123985. ISSN (online) 18347533. - SCIE ; SCO ; WOS CC, 206 - 212

2015 [1/12] / NLD - Liu, S., Li, X., Wang, W., Xu, L., Li, B. A modified symplectic scheme for seismic wave modeling [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2015, Roč. 116, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, 110 - 120

2015 [1/12] / neurčené - Liu, S. L., Li, X. F., Wang, W. S., Zhu, T. A symplectic RKN scheme for solving elastic wave equations In: Chinese Journal of Geophysics-Chinese Edition, 2015, Roč. 58, č. 4. - SCIE ; SCO ; WOS CC, 1355 - 1366

2015 [1/12] / USA - Liu, S., Li, X., Wang, W., Zhu, T. Source wavefield reconstruction using a linear combination of the boundary wavefield in reverse time migration [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2015, Roč. 80, č. 6, 203- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2015 [1/12] / GBR - Mansur, W. J., Pereira, W. L. A., Monteiro, C. S. G., Correa, R. S., Santos, G. T., Dors, C., Peters, F. C., Dutra do Carmo, E. G. A Green's function based procedure to account for non-quiet past applied to numerical modeling of seismic offshore surveys In: Engineering analysis with boundary elements: the international journal for boundary element research and applications. Southampton: Computational Mechanics Publications, 2015, Roč. 55, [tlačená forma]. ISSN 0955-7997. - SCIE ; SCO ; WOS CC, 67 - 79

2015 [1/12] / GBR - Wei, S., Zhuang, M., Zhou, J., Liu, Q. H. A 2-D enlarged cell technique (ECT) for elastic wave modelling on a curved free surface [elektronický dokument] In: Geophysical Journal

International. Oxford: Oxford University Press, 2015, Roč. 201, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 475 - 485

2015 [1/12] / neurčené - Zhang, C., Chen, L. A symplectic partitioned Runge-Kutta method using the eighth-order NAD operator for solving the 2D elastic wave equation In: Journal of Seismic Exploration, 2015, Roč. 24, č. 3. ISSN 09630651. - SCIE ; SCO ; WOS CC, 205 - 230

2015 [1/12] / GBR - Zhou, Y., Yang, D., Ma, X., Li, J. An effective method to suppress numerical dispersion in 2D acoustic and elastic modelling using a high-order Pade approximation [elektronický dokument] In: Journal of Geophysics and Engineering. Oxford: Oxford University Press, 2015, Roč. 12, č. 1, [tlačená forma] [online]. ISSN 1742-2132. ISSN (online) 1742-2140. - SCIE ; SCO ; WOS CC, 114 - 129

2016 [1/12] / USA - Huang, X., Yang, D., Tong, P., Zhou, Y. 3D nearly analytic central difference method for computation of sensitivity kernels of wave-equation-based seismic tomography [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2016, Roč. 106, č. 6, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2877 - 2899

2016 [1/12] / NLD - Chen, Y., Yang, G., Ma, X., He, C., Song, G. A time-space domain stereo finite difference method for 3D scalar wave propagation [elektronický dokument] In: Computers & Geosciences. Amsterdam: Elsevier, 2016, Roč. 96, [tlačená forma] [online]. ISSN 0098-3004. ISSN (online) 1873-7803. - SCIE ; SCO ; WOS CC, 218 - 235

2016 [1/12] / NLD - Chen, H., Zhou, H., Sheng, S. General rectangular grid based time-space domain high-order finite-difference methods for modeling scalar wave propagation [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2016, Roč. 133, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, 141 - 156

2016 [1/12] / GBR - Jing, H., Yang, D., Wu, H. Dynamic inversion method based on the time-staggered stereo-modeling scheme and its acceleration [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 207, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1675 - 1687

2016 [1/12] / neurčené - Karavaev, D. A., Yakimenko, A. A., Bulavina, N. A. A Technology of Full Seismic Field Simulation on High-performance Computing Systems In: 2016 13th International Scientific-Technical Conference on Actual Problems of Electronic Instrument Engineering, Vol 2. New York: Institute of Electrical and Electronics Engineers, 2016. - CPCI-S ; SCO ; WOS CC, Art. No. 7806368

2016 [1/12] / GBR - Wei, S., Zhou, J., Zhuang, M., Liu, Q. H. A 3-D enlarged cell technique (ECT) for elastic wave modelling of a curved free surface [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2016, Roč. 206, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1921 - 1932

2016 [1/12] / USA - Zhang, C., Sun, B., Ma, J., Yang, H., Hu, Y. Splitting algorithms for the high-order compact finite-difference schemes in wave-equation modeling [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2016, Roč. 81, č. 6, 295- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC

2016 [1/12] / neurčené - Zhang, C., Chen, L. A Fourth-Order Runge-Kutta Method with Eighth-Order Accuracy and Low Numerical Dispersion for Solving the Seismic Wave Equation In: Journal of Seismic Exploration, 2016, Roč. 25, č. 3. ISSN 09630651. - SCIE ; WOS CC, 229 - 255

2019 [1/12] / neurčené - Caunt, E. Spatially-optimized finite-difference schemes for numerical dispersion suppression: An implementation using symbolic computation In: 81st EAGE Conference and Exhibition (ExCel 2019). [Houten]: EAGE Publishing BV, 2019. - SCO, 1 - 5

2017 [1/12] / USA - Lang, C., Yang, D.H. A nearly analytic discrete method for solving the acoustic-wave equations in the frequency domain [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2017, Roč. 82, č. 1, 43- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2017 [1/12] / USA - Liu, S., Teng, J.W., Xu, T., Badal, J. Higher-order triangular spectral element method with optimized cubature points for seismic wavefield modeling [elektronický dokument]. DOI 10.1016/j.jcp.2017.01.069 In: Journal of Computational Physics. San Diego : American Academic Press, 2017, Roč. 336, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 458 - 480

2017 [1/12] / USA - Liu, X., Liu, Y., Ren, Z.M., Cai, X.H., Li, B., Xu, S.G., Zhou, L.K. Hybrid absorbing boundary condition for three-dimensional elastic wave modeling [elektronický dokument] In: Applied Geophysics. New York: Springer Nature, 2017, Roč. 14, č. 2, [tlačená forma] [online]. ISSN 16727975. ISSN (online) 19930658. - SCIE ; SCO ; WOS CC, 270 - 278

2021 [1/20] / GBR - Wang, Jing, Liu, Yang, Zhou, Hongyu. Acoustic wave propagation with new spatial implicit and temporal high-order staggered-grid finite-difference schemes [elektronický dokument]. DOI 10.1093/jge/gxab053 In: Journal of Geophysics and Engineering. Oxford: Oxford University Press, 2021, Roč. 18, č. 5, s. 808-823 [tlačená forma] [online]. ISSN 1742-2132. ISSN (online) 1742-2140. - SCO ; WOS CC ; CCC ; SCIE, 808 - 823

2022 [1/20] / NLD - Chen, Guiting, Peng, Zhenming, Li, Yalin. A framework for automatically choosing the optimal parameters of finite-difference scheme in the acoustic wave modeling [elektronický dokument]. DOI 10.1016/j.cageo.2021.104948 In: Computers & Geosciences. Amsterdam: Elsevier, 2022, č. 159, art. no. 104948 [tlačená forma] [online]. ISSN 0098-3004. ISSN (online) 1873-7803. - SCO ; SCIE ; CCC ; WOS CC, art. no. 104948

2022 [1/20] / GBR - Wang, Jing, Liu, Yang, Zhou, Hongyu. A novel equivalent staggered-grid finite-difference scheme and its optimization strategy for variable-density acoustic wave modelling [elektronický dokument]. DOI 10.1080/08123985.2022.2034477 In: Exploration Geophysics. Abingdon: Taylor & Francis Group, 2022, Roč. 53, č. 6, s. 669-682 [tlačená forma] [online]. ISSN 08123985. ISSN (online) 18347533. - SCO ; SCIE ; CCC ; WOS CC, 669 - 682

2022 [1/20] / NLD - Di Michele, Federica, Styahar, Andriy, Pera, Donato, May, Jon, Aloisio, Roberto, Rubino, Bruno, Marcati, Pierangelo. Fault shape effect on SH waves using finite element method [elektronický dokument]. DOI 10.1007/s10950-022-10075-y In: Journal of Seismology. Dordrecht: Springer Nature, 2022, Roč. 26, č. 3, s. 417-437 [tlačená forma] [online]. ISSN 1383-4649. ISSN (online) 1573-157X. - SCO ; SCIE ; CCC ; WOS CC, 417 - 437

2022 [1/20] / USA - Liu, Yang. Removing the stability limit of the time-space domain explicit finite-difference schemes for acoustic modeling with stability condition-based spatial operators [elektronický dokument]. DOI 10.1190/geo2021-0141.1 In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2022, Roč. 87, č. 3, s. T205-T223 [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO ; WOS CC ; CCC ; SCIE, T205 - T223

2022 [1/20] / USA - Gadylyshin, Kirill, Vishnevsky, Dmitry, Gadylyshina, Kseniia, Lisitsa, Vadim. Numerical dispersion mitigation neural network for seismic modeling [elektronický dokument]. DOI 10.1190/geo2021-0242.1 In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2022, Roč. 87, č. 3, s. 1-49 [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO ; SCIE ; CCC ; WOS CC, 1 - 49

2022 [1/20] / USA - He, Xijun, Yang, Dinghui, Qiu, Chujun, Zhou, Yanjie, Ma, Xiao. An Efficient Discontinuous Galerkin Method Using a Tetrahedral Mesh for 3D Seismic Wave Modeling [elektronický dokument]. DOI 10.1785/0120210229 In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2022, Roč. 112, č. 3, s. 1197-1223 [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCO ; SCIE ; CCC ; WOS CC, 1197 - 1223

2022 [1/20] / CHE - Wang, Kang, Peng, Suping, Lu, Yongxu, Cui, Xiaoqin. Finite Difference Scheme Based on the Lebedev Grid for Seismic Wave Propagation in Fractured Media [elektronický dokument]. DOI 10.1007/s00024-022-03080-2 In: Pure and Applied Geophysics: pageoph. Bazele: Springer Nature. Springer International Publishing AG, 2022, Roč. 179, č. 8, s. 2619-2636 [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCO, 2619 - 2636

2022 [1/20] / NLD - Wang, Jing, Liu, Yang, Zhou, Hongyu. High temporal accuracy elastic wave simulation with new time-space domain implicit staggered-grid finite-difference schemes [elektronický dokument]. DOI 10.1111/1365-2478.13244 In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2022, Roč. 70, č. 8, s. 1346-1366 [tlačená forma]

[online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCO ; SCIE ; CCC ; WOS CC, 1346 - 1366

2023 [1/20] / CHN - He, Xi Jun, Li, Jing Shuang, Huang, Xue Yuan, Zhou, Yan Jie. Solving elastic wave equations in 2D transversely isotropic media by a weighted Runge-Kutta discontinuous Galerkin method [elektronický dokument]. DOI 10.1016/j.petsci.2022.10.007 In: Petroleum Science. Peking: KEAI publishing, 2023, Roč. 20, č. 2, s. 827-839 [tlačená forma] [online]. ISSN 16725107. ISSN (online) 19958226. - SCO ; SCIE ; WOS CC, 827 - 839

2023 [1/20] / USA - He, Xijun, Yang, Dinghui, Huang, Jiandong, Huang, Xueyuan. Modeling 3-D Elastic Wave Propagation in TI Media Using Discontinuous Galerkin Method on Tetrahedral Meshes [elektronický dokument]. DOI 10.1109/TGRS.2023.3247540 In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2023, Roč. 61, art. no. 5904514, s. [1-14] [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCO ; SCIE ; CCC ; WOS CC, art. no. 5904514 - 14]

2023 [1/20] / CHE - Chen, Guiting, Peng, Zhenming, Li, Yalin. An Efficient Finite-Difference Stencil with High-Order Temporal Accuracy for Scalar Wave Modeling [elektronický dokument]. DOI 10.3390/app13021140 In: Applied sciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2023, Roč. 13, č. 2, art. no. 1140 [online]. ISSN (online) 2076-3417. - SCO ; SCIE ; CCC ; WOS CC, art. no. 1140

2023 [1/20] / CHE - Zhang, Chunlin, Fan, Liyong, Chen, Guiting, Zeng, Xu. Efficient temporal high-order staggered-grid scheme with a dispersion-relation-preserving method for the scalar wave modeling. DOI 10.3389/feart.2023.1141220 In: Frontiers in Earth Science. Lausanne: Frontiers Media, 2023, Roč. 11, art. no. 1141220 [online]. ISSN 2296-6463. - SCO ; SCIE ; CCC ; WOS CC, art. no. 1141220

2018 [1/12] / GBR - Xu, S.G., Liu, Y. 3D acoustic wave modeling with a time-space-domain temporal high-order finite-difference scheme [elektronický dokument] In: Journal of Geophysics and Engineering. Oxford: Oxford University Press, 2018, Roč. 15, č. 5, [tlačená forma] [online]. ISSN 1742-2132. ISSN (online) 1742-2140. - SCIE ; WOS CC, 1963 - 1976

2020 [1/12] / USA - Liu, Y. Acoustic and elastic finite-difference modeling by optimal variable-length spatial operators [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2020, Roč. 85, č. 2, 57- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2020 [1/12] / USA - He, X., Yang, D., Ma, X., Qiu, C. A modified numerical-flux-based discontinuous Galerkin method for 2D wave propagations in isotropic and anisotropic media [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2020, Roč. 85, č. 5, 257- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2020 [1/12] / neurčené - Seriani, G., Oliveira, S. P. Numerical modeling of mechanical wave propagation In: Rivista del Nuovo Cimento, 2020, Roč. 43, č. 9. - SCIE ; SCO ; WOS CC, 459 - 514

2021 [1/12] / DEU - Li, L., Tan, J., Zhang, D., Malkoti, A., Abakumov, I., Xie, Y. FDwave3D: a MATLAB solver for the 3D anisotropic wave equation using the finite-difference method [elektronický dokument] In: Computational Geosciences: Modeling, Simulation and Data Analysis. Berlín: Springer Nature. Springer International Publishing AG, 2021, Roč. 25, č. 5, [tlačená forma] [online]. ISSN 1420-0597. ISSN (online) 1573-1499. - SCIE ; SCO ; WOS CC, 1565 - 1578

2022 [1/20] / GBR - Zhong, W., Liu, T. A Mesh Grading Technique for Near-fault Seismic Wave Propagation in Large Velocity-contrast Viscoelastic Earth Media [elektronický dokument] In: Journal of Earthquake Engineering. Abingdon: Taylor & Francis Group, 2022, Roč. 26, č. 3, s. 1388-1415 [tlačená forma] [online]. ISSN 1363-2469. ISSN (online) 1559-808X. - SCIE ; SCO ; WOS CC, 1388 - 1415

2023 [1/20] / CHN - Wang, J., Liu, Y., Zhou, H. Temporal and spatial high-order accuracy implicit finite-difference method for modeling acoustic wave equation on rectangular staggered-grid In: Diqiu wuli xuebao. Peking: Science press, 2023, Roč. 66, č. 1, [tlačená forma]. ISSN 0001-5733. - SCIE ; WOS CC, 368 - 382

2021 [1/12] / neurčené - Lang, C., Qiu, C., Liu, S., Shen, W., Li, X., Xu, X. A nearly discrete analytic method of wave-field simulation for elastic wave equations in the frequency domain In: Acta Geophysica

2021 [1/12] / neurčené - He, X., Yang, D., Qiu, C., Zhou, Y., Chang, Y. A parallel weighted Runge-Kutta discontinuous galerkin method for solving acousitc wave equations in 3D D'Alembert media on unstructured meshes In: Acta Geophysica Sinica, 2021, Roč. 64, č. 3. ISSN 00015733. - SCIE ; SCO ; WOS CC, 876 - 895

2019 [1/12] / neurčené - He, X.J., Yue, X.R. A High-Order Weighted Runge-Kutta Discontinuous Galerkin Method for Solving 2d Acoustic and Elastic Wave Equations in Isotropic and Anisotropic Media In: Journal of Seismic Exploration, 2019, Roč. 28, č. 4. ISSN 09630651. - SCIE ; WOS CC, 363 - 391

2022 [1/20] / CHE - Reshetova, G., Koynov, V. Parallel Implementation of the Seismic Sources Recovery in Randomly Heterogeneous Media In: 8th Russian Supercomputing Days on Supercomputing. Cham: Springer Nature, 2022, s. 262-275 [tlačená forma] [online]. ISBN 9783031229404. - SCO, 262 - 275

2021 [1/20] / CHE - Reshetova, G., Cheverda, V., Koinov, V. Comparative Efficiency Analysis of MPI Blocking and Non-blocking Communications with Coarray Fortran In: 7th Russian Supercomputing Days Conference: (RuSCDays 2021). Cham: Springer Nature, 2021, [tlačená forma] [online]. ISBN 9783030928636. - SCO, 322 - 336

2017 [1/12] / GBR - Meng, W.J., Fu, L.Y. Seismic wavefield simulation by a modified finite element method with a perfectly matched layer absorbing boundary [elektronický dokument] In: Journal of Geophysics and Engineering. Oxford: Oxford University Press, 2017, Roč. 14, č. 4, [tlačená forma] [online]. ISSN 1742-2132. ISSN (online) 1742-2140. - SCIE ; SCO ; WOS CC, 852 - 864

2017 [1/12] / neurčené - Okamoto, T., Takenaka, H., Nakamura, T., Hara, T. FDM simulation of earthquakes off western Kyushu, Japan, using a land-ocean unified 3D structure model. DOI 10.1186/s40623-017-0672-9 In: Earth Planets and Space, 2017, Roč. 69. - SCIE ; SCO ; WOS CC, Art. No. 88

2018 [1/12] / neurčené - Xu, S.G., Liu, Y. 3D acoustic and elastic VTI modeling with optimal finite-difference schemes and hybrid absorbing boundary conditions In: Chinese Journal of Geophysics, 2018, Roč. 61, č. 7. - SCIE ; SCO ; WOS CC, 2950 - 2968

2017 [1/12] / GBR - Su, B., Tuo, X.G., Xu, L. Two modified symplectic partitioned Runge-Kutta methods for solving the elastic wave equation [elektronický dokument] In: Journal of Geophysics and Engineering. Oxford: Oxford University Press, 2017, Roč. 14, č. 4, [tlačená forma] [online]. ISSN 1742-2132. ISSN (online) 1742-2140. - SCIE ; SCO ; WOS CC, 811 - 821

2018 [1/12] / IND - Ekanem, A.M., Xu, Y. Finite-difference modelling of anisotropic wave scattering in discrete fracture model [elektronický dokument] In: Journal of Earth System Science. Bangalúr: Indian Academy of Sciences, 2018, Roč. 127, č. 3, [tlačená forma] [online]. ISSN 0253-4126. ISSN (online) 0973-774X. - SCIE ; SCO ; WOS CC, Art. No. 40

2018 [1/12] / USA - Ma, X., He, X.J., Li, J.S., Zheng, Y.C. A new high-order scheme based on numerical dispersion analysis of the wave phase velocity for semidiscrete wave equations [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2018, Roč. 83, č. 3, 123- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2018 [1/12] / USA - Xu, S.G., Liu, Y. Pseudoacoustic tilted transversely isotropic modeling with optimal k-space operator-based implicit finite-difference schemes [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2018, Roč. 83, č. 3, 139- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2018 [1/12] / neurčené - Zapata, M.U., Balam, R.I., Montalvo-Urquizo, J. High-order implicit staggered-grid finite differences methods for the acoustic wave equation In: Numerical Methods for Partial Differential Equations, 2018, Roč. 34, č. 2. - SCIE ; SCO ; WOS CC, 602 - 625

2018 [1/12] / NLD - Zhang, Y.J., Gao, J.H., Peng, J.G., Han, W.M. A robust method of computing finite difference coefficients based on Vandermonde matrix [elektronický dokument]. DOI 10.1016/j.jappgeo.2018.03.013 In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2018, Roč. 152,

[tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, 110 - 117

2019 [1/12] / GBR - He, X.J., Yang, D.H., Ma, X., Lang, C. Dispersion-dissipation analysis of the triangle-based discontinuous Galerkin method for scalar wave equation [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Oxford: Oxford University Press, 2019, Roč. 218, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1174 - 1198

2019 [1/12] / USA - He, X.J., Yang, D.H., Ma, X., Zhou, Y.J. Symplectic interior penalty discontinuous Galerkin method for solving the seismic scalar wave equation [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2019, Roč. 84, č. 3, 133- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2019 [1/12] / CHE - Chen, G.W., Song, L., Liu, L.B. 3D Numerical Simulation of Elastic Wave Propagation in Discrete Fracture Network Rocks [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2019, Roč. 176, č. 12, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 5377 - 5390

2019 [1/12] / USA - Jing, H., Chen, Y.S., Wang, J., Xue, W. A highly efficient time-space-domain optimized method with Lax-Wendroff type time discretization for the scalar wave equation [elektronický dokument]. DOI 10.1016/j.jcp.2019.04.066 In: Journal of Computational Physics. San Diego : American Academic Press, 2019, Roč. 393, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 1 - 28

2019 [1/12] / CHE - Li, J.X., Innanen, K.A., Wang, B. A New Second Order Absorbing Boundary Layer Formulation for Anisotropic-Elastic Wavefield Simulation [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2019, Roč. 176, č. 4, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 1717 - 1730

2019 [1/12] / neurčené - Su, B., Li, S.L., Liu, S.L., Yang, D.H. Modified symplectic scheme with finite element method for seismic wavefield modeling In: Chinese Journal of Geophysics, 2019, Roč. 62, č. 4. - SCIE ; SCO ; WOS CC, 1440 - 1452

2019 [1/12] / USA - Wang, Y., Miller, R.D., Peterie, S.L., Sloan, S.D., Moran, M.L., Cudney, H.H., Smith, J.A., Borisov, D., Modrak, R., Tromp, J. Tunnel detection at Yuma Proving Ground, Arizona, USA - Part 1: 2D full-waveform inversion experiment [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2019, Roč. 84, č. 1, 95- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2019 [1/12] / USA - Zhang, Y.J., Gao, J.H. Tutorial: Source simulation for 3D poroelastic wave equations [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2019, Roč. 84, č. 6, 33- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2020 [1/12] / neurčené - DiBartolo, L., Manhishe, R.R., Dors, C. Efficient acoustic-elastic FD coupling method for anisotropic media. DOI 10.1016/j.jappgeo.2019.103934 In: Journal of Applied Geophysics, 2020, Roč. 174. - SCIE ; SCO ; WOS CC, Art. No. 103934

2020 [1/12] / CHE - Franczyk, A., Gwizdz, D., Lesniak, A. Performance of 3D Wave Field Modeling Using the Staggered Grid Finite Difference Method with General-Purpose Processors [elektronický dokument] In: Energies. Bazilej: Multidisciplinary Digital Publishing Institute, 2020, Roč. 13, č. 17, [online]. ISSN (online) 1996-1073. - SCIE ; SCO ; WOS CC, Art. No. 4573

2020 [1/12] / neurčené - He, X.J., Yang, D.H., Ma, X. A Weighted Runge-Kutta Discontinuous Galerkin Method for 3D Acoustic and Elastic Wave-Field Modeling In: Communication in Computational Physics, 2020, Roč. 28, č. 1. - SCIE ; SCO ; WOS CC, 372 - 400

2020 [1/12] / CHE - Mouzakiotis, E., Karastathis, V., Voulgaris, N., Papadimitriou, P. Site Amplification Assessment in the East Corinth Gulf Using 3D Finite-Difference Modeling and Local Geophysical Data [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2020, Roč. 177, č. 8, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online)

1420-9136. - SCIE ; SCO ; WOS CC, 3871 - 3889

2020 [1/12] / NLD - Sim, C., Sun, C.Y., Yun, N. A nearly analytic symplectic partitioned Runge-Kutta method based on a locally one-dimensional technique for solving two-dimensional acoustic wave equations [elektronický dokument] In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2020, Roč. 68, č. 4, [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCIE ; SCO ; WOS CC, 1253 - 1269

2020 [1/12] / USA - Song, G.J., Zhang, X.M., Wang, Z.L., Chen, Y.L., Chen, P.C. The asymptotic local finite-difference method of the fractional wave equation and its viscous seismic wavefield simulation [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2020, Roč. 85, č. 3, 179- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC

2020 [1/12] / neurčené - Yun, N., Sim, C. An Improved Nearly-Analytic Exponential Time Difference Method for Solving Seismic Wave Equations In: Journal of Seismic Exploration, 2020, Roč. 29, č. 2. ISSN 09630651. - SCIE ; WOS CC, 99 - 124

2020 [1/12] / neurčené - Zhang, W.S. Stability Analysis for Wave Simulation in 3D Poroelastic Media with the Staggered-Grid Method In: Communication in Computational Physics, 2020, Roč. 28, č. 2. - SCIE ; SCO ; WOS CC, 743 - 767

2020 [1/12] / NLD - Yun, N., Sun, C.Y., Sim, C. An optimal nearly analytic splitting method for solving 2D acoustic wave equations [elektronický dokument]. DOI 10.1016/j.jappgeo.2020.104029 In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2020, Roč. 177, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, Art. No. 104029

2020 [1/12] / NLD - Zhuang, M.W., Zhan, Q.W., Zhou, J.Y., Guo, Z.C., Liu, N., Liu, Q.H. A simple implementation of PML for second-order elastic wave equations [elektronický dokument]. DOI 10.1016/j.cpc.2019.106867 In: Computer Physics Communications: An International Journal and Program Library for Computational Physics and Physical Chemistry. Amsterdam: Elsevier, 2020, Roč. 246, [tlačená forma] [online]. ISSN 0010-4655. ISSN (online) 1879-2944. - SCIE ; SCO ; WOS CC, Art. No. 106867

2020 [1/12] / neurčené - Zhou, Y.J., Huang, X.Y., He, X.J., Zheng, Y.C. An Effective Method to Suppress Numerical Dispersion in 3d Elastic Modeling Using a High-Order Pade Approximation In: Journal of Seismic Exploration, 2020, Roč. 29, č. 5. ISSN 09630651. - SCIE ; WOS CC, 425 - 454

2017 [1/12] / CHN - Zeng, R., Xiong, Z., Zhang, D. 3D finite difference parallel simulation of Rayleigh wave based on MIC platform In: Wutan Huatan Jisuan Jishu. [s.l.]: Wutan Huatan Jisuan Jishu, 2017, Roč. 39, č. 5, [tlačená forma] [online]. ISSN 1001-1749. - SCO, 649 - 656

2017 [1/12] / USA - Xia, M., Zhou, H., Li, Q., Chen, H., Wang, Y., Wang, S. A general 3D lattice spring model for modeling elastic waves [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2017, Roč. 107, č. 5, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCO, 2194 - 2212

2019 [1/12] / neurčené - Li, Q., Wu, G., Duan, P. Elastic wavefield forward modeling in heterogeneous media based on the quasi-regular grid high-order finite difference In: Shiyou Diqui Wuli Kantan/Oil Geophysical Prospecting, 2019, Roč. 54, č. 3. - SCO, 539 - 550

2017 [1/12] / neurčené - Zhang, Y., Gao, J., Peng, J. Seismic source simulation for poroelastic wave equations In: 13th International Conference on Theoretical and Computational Acoustics (ICTCA 2017) : Proceedings. Wien: Institute of Mechanics and Mechatronics, Faculty of Mechanical, TU Wien, 2017. - SCO, 199

2017 [1/12] / neurčené - Kazei, V., Masmoudi, N., Oh, J.-W., Tzivanakis, C., Alkhalifah, T. From CPU to GPU in Two days: 3D elastic orthorhombic modeling with openAcc. In: 3rd EAGE Workshop on High Performance Computing for Upstream 2017 : Proceedings. [Houten]: European Association of Geoscientists and Engineers (EAGE), 2017. - SCO, 44 - 48

2021 [1/12] / GBR - Su, B., Shen, W., Lang, C., Li, H. Order-corrected symplectic finite element method for elastic wave modelling [elektronický dokument] In: Exploration Geophysics. Abingdon: Taylor &

Francis Group, 2021, Roč. 52, č. 3, [tlačená forma] [online]. ISSN 08123985. ISSN (online) 18347533. - SCIE ; SCO ; WOS CC, 321 - 334

2022 [1/20] / USA - Wu, Y., Ma, J. Rayleigh wave equations with couple stress: Modeling and dispersion characteristic [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2022, Roč. 87, č. 1, 1- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC

2022 [1/20] / USA - Zhou, H., Liu, Y., Wang, J. Time-space domain scalar wave modeling by a novel hybrid staggered-grid finite-difference method with high temporal and spatial accuracies [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2022, Roč. 455, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, art. no. 111004

2022 [1/20] / CHN - Lang, C., Liu, S., Yang, X., Xu, X. Frequency-domain acoustic reverse time migration based on improved NAD method In: Diqiu wuli xuebao. Peking: Science press, 2022, Roč. 65, č. 3, [tlačená forma]. ISSN 0001-5733. - SCIE ; SCO ; WOS CC, 1071 - 1085

2022 [1/20] / NLD - Wang, K., Peng, S., Lu, X., Cui, X. Wavefield simulation of fractured porous media and propagation characteristics analysis [elektronický dokument] In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2022, Roč. 70, č. 5, [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCIE ; SCO ; WOS CC, 886 - 903

2023 [1/20] / CHE - Jirong, S., Shaolin, C., Jiao, Z., Puxin, C. Unified framework based parallel FEM code for simulating marine seismoacoustic scattering In: Frontiers in Earth Science. Lausanne: Frontiers Media, 2023, Roč. 10, [online]. ISSN 2296-6463. - SCIE ; SCO ; WOS CC, art. no. 1056485

2023 [1/20] / USA - Bader, M., Almquist, M., Dunham, E. M. Modeling and inversion in acoustic-elastic coupled media using energy-stable summation-by-parts operators [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2023, Roč. 88, č. 3, [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO, nestr.

2024 [1/20] / GBR - Ortiz, Fabián, Pastén, César, Bustos, José, Ruiz, Sergio, Astroza, Rodrigo, Easton, Gabriel. Soil amplification in the Santiago city, Chile, due to shallow crustal earthquakes [elektronický dokument]. DOI 10.1016/j.soildyn.2024.108633 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2024, Roč. 181, art. no. 108633 [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCO ; WOS CC ; CCC ; SCIE, art. no. 108633

2024 [1/20] / USA - Zhang, Zhitao, Wang, Zhuwen, Guo, Yuhang, Wang, Wenqiang, Sun, Zhaoqi, Wan, Wubing, Gan, Lin, Han, Ruiyi, Wang, Yibo. A Low Overhead Heterogeneous Parallel Optimization Method Based on 3-D Elastic Wave Numerical Simulation [elektronický dokument]. DOI 10.1109/TGRS.2024.3396814 In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2024, Roč. 62, art. no. 4506311, s. 1-11 [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCO ; WOS CC ; CCC ; SCIE, art. no. 4506311 - 11

2024 [1/20] / USA - Yan, Hongyong, Xu, Teng. Suppressing spatial dispersion of seismic finite-difference modeling with the improved pix2pix algorithm [elektronický dokument]. DOI 10.1016/j.jcp.2024.113129 In: Journal of Computational Physics. San Diego : American Academic Press, 2024, č. 511, art. no. 113129 [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCO ; WOS CC ; CCC ; SCIE, art. no. 113129

2024 [1/20] / DEU - Jin, Chao, Zhou, Bing, Riahi, Mohamed Kamel, Zemerly, Mohamed Jamal. A generalized time-domain velocity-stress seismic wave equation for composite viscoelastic media with a topographic relief and an irregular seabed [elektronický dokument]. DOI 10.1007/s10596-024-10273-2 In: Computational Geosciences: Modeling, Simulation and Data Analysis. Berlin: Springer Nature. Springer International Publishing AG, 2024, Roč. 28, č. 3, s. 355-371 [tlačená forma] [online]. ISSN 1420-0597. ISSN (online) 1573-1499. - SCO ; WOS CC ; CCC ; SCIE, 355 - 371

2024 [1/20] / CHN - Fichtner, Andreas, Thrastarson, Solvi, Herwaarden, Dirk Philip van, Noe, Sebastian. An illustrated guide to [elektronický dokument]: Parsimonious multi-scale full-waveform inversion. DOI 10.1016/j.eqs.2024.07.004 In: Earthquake Science. Peking: KeAi Communications Co., 2024, Roč. 37, č. 6, s. 574-583 [tlačená forma] [online]. ISSN 1674-4519. ISSN (online) 1867-8777. - SCO, 574 - 583

2023 [1/20] / USA - Li, Jingshuang, Yang, Dinghui, Wang, Zhenrong, Liu, Landong. Attenuation compensated reverse time migration based on the stereo-modeling operator [elektronický dokument]. DOI 10.1190/geo2022-0433.1 In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2023, Roč. 88, č. 5, s. 175-187 [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO ; WOS CC ; SCIE ; CCC, 175 - 187

2023 [1/20] / USA - Miao, Zhongzheng, Zhang, Jinhai. An optimal spatial-filtering method derived from eigenvalue perturbation for extending the Courant-Friedrichs-Lewy stability limit [elektronický dokument]. DOI 10.1190/geo2022-0636.1 In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2023, Roč. 88, č. 4, s. T227-T236 [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCO ; WOS CC ; CCC ; SCIE, 227 - 236

2024 [1/20] / USA - Thrastarson, Solvi, van Herwaarden, Dirk Philip, Noe, Sebastian, Schiller, Carl Josef, Fichtner, Andreas. REVEAL: A Global Full-Waveform Inversion Model [elektronický dokument]. DOI 10.1785/0120230273 In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2024, Roč. 114, č. 3, s. 1392-1406 [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCO ; WOS CC ; CCC ; SCIE, 1392 - 1406

2024 [1/20] / SGP - Yun, Nam, Sim, Chol, Kim, Ju Won. A Splitting Nearly-Analytic Symplectic Partitioned Runge-Kutta Method for Solving 2D Elastic Wave Equations [elektronický dokument]. DOI 10.1142/S0219876223500287 In: International journal of computational methods. Singapur: WORLD SCIENTIFIC PUBL CO PTE LTD, 2024, Roč. 21, č. 2, art. no. 2350028 [tlačená forma] [online]. ISSN 0219-8762. ISSN (online) 1793-6969. - SCO ; WOS CC ; SCIE, art. no. 2350028

2024 [1/20] / USA - Zhang, Xiangjia, Liu, Yang, Song, Chao, Chen, Jiawei, Xie, Peihong. Full Waveform Inversion of Visco-Acoustic Media Based on the Symplectic Stereo-Modeling Method [elektronický dokument]. DOI 10.1109/LGRS.2024.3402674 In: IEEE Geoscience and Remote Sensing Letters: a Publication of the IEEE Geoscience and Remote Sensing Society. Piscataway: Institute of Electrical and Electronics Engineers, 2024, Roč. 21, art. no. 3002705, s. 1-5 [tlačená forma]. ISSN 1545-598X. ISSN (online) 1558-0571. - SCO ; WOS CC ; CCC ; SCIE, art. no. 3002705 - 5

2023 [1/20] / GBR - Chen, Shaolin, Shen, Jirong, Zhang, Jiao, Cheng, Shulin, Sun, Jie. Near-field seismoacoustic wave scattering due to an irregular interface: a unified framework [elektronický dokument]. DOI 10.1093/gji/ggad358 In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 235, č. 3, s. 2179-2202 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; CCC ; SCIE, 2179 - 2202

2024 [1/20] / USA - Lee, Jun Woo, Park, Hanjoon, Kim, Donggeon, Min, Dong Joo, Cho, Yongchae. Non-repeatable Noise Attenuation on Time-lapse Prestack Data using Fully Convolutional Neural Network and Masked Image-to-image Translation Scheme [elektronický dokument]. DOI 10.1109/TGRS.2024.3460767 In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2024, Roč. 62, art. no. 5927418, s. 1-18 [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCO, art. no. 5927418 - 18

2024 [1/20] / CHN - Li, Jingshuang, Zhang, Xiangjia, He, Xijun, Huang, Xueyuan. Amplitude compensated reverse time migration by the symplectic stereo-modeling method. DOI 10.13810/j.cnki.issn.1000-7210.2024.05.011 In: Shiyou Diqiu Wuli Kantan. Peking: Science China Press, 2024, Roč. 59, č. 5, s. 1037-1047 [tlačená forma]. ISSN 1000-7210. - SCO, 1037 - 1047

2022 [1/20] / FRA - He, Xijun, Qiu, Chujun, Sun, Jianqiang. Discontinuous Galerkin Method for Solving 2D Dissipative Seismic Wave Equations In: Journal of Seismic Exploration. Castelnau-le-Lez: Geophysical Press, 2022, Roč. 31, č. 2, s. 153-176 [tlačená forma]. ISSN 0963-0651. - SCO ; WOS CC ; CCC ; SCIE, 153 - 176

ADC_041 / Moczo, Peter (Autor) (20%) - Bystrický, Erik (Autor) (20%) - Kristek, Jozef (Autor) (20%) - Carcione, J. M. (Autor) (20%) - Bouchon, M. (Autor) (20%): Hybrid modeling of P-SV seismic motion at inhomogeneous viscoelastic topographic structures. – text. – CCC ; SCO ; WOS CC ; SCIE
In: *Bulletin of the Seismological Society of America* [textový dokument (print)] [elektronický dokument] . – ElCerrito (USA) : Seismological Society of America. – ISSN 0037-1106. – ISSN (online) 1943-3573. – Roč. 87, č. 5 (1997), s. 1305-1323 [tlačená forma] [online]
Počet všetkých autorov: 5
[článok]

Ohlasy (196):

1997 [3/12] / neurčené - Bermúdez Angulo, M. L. Influencia del parque inmobiliario en el movimiento sísmico de la Ciudad de México [textový dokument (print)] . México: Instituto de Geofísica UNAM, 1997. 1 vyd.

1997 [3/12] / neurčené - Chávez-García, F. J., Cárdenas-Soto, M. Wave propagation in crustal models for central Mexico. Accounting for regional amplification In: Technical Report to Cray Research, Inc. Project SC-005296.. México: Instituto de Ingeniería UNAM, 1997

1997 [3/12] / neurčené - Komatitsch, D. Methodes spectrales et elements spectraux pour l'équation de l'élastodynamique 2D et 3D en milieu heterogéne [textový dokument (print)] . Paris: Institut de Physique du Globe, 1997. 1 vyd.

1997 [3/12] / CZE - Suhadolc, P. Realistic modeling of seismic wave propagation In: Proceedings of the Advanced Study Course on Seismic Risk. Brno: Univerzita obrany v Brně, 1997, 125 - 152

1998 [3/12] / neurčené - Cárdenas-Soto, M., Bermúdez Angulo, M. L., Chávez-García, F. J. Ground motion in Mexico-City: Contributions of building stock In: The Effects of Surface Geology on Seismic Motion.. Rotterdam: Balkema, 1998, 421 - 426

1998 [3/12] / neurčené - Faccioli, E., Vanini, M., Paolucci, R., Gabellini, E., Quarteroni, A. Simulation of 3D basin effects in the 1995 Kobe earthquake by a hybrid pseudospectral method In: Special Volume on Simultaneous Simulation for Kobe. Yokohama: [s.n.], 1998, 95 - 99

1998 [3/12] / neurčené - Honda, R., Sawada, S. Nonlinear analysis of ground by 2D finite element-finite difference hybrid method In: The Effects of Surface Geology on Seismic motion. Rotterdam: Balkema, 1998, 831 - 838

1998 [3/12] / neurčené - Honda, R., Sawada, S. Nonlinear analysis of ground by 2D finite element-finite difference hybrid method In: Proceedings of the 10th Earthquake Engineering Symposium of JEES. Yokohama: [s.n.], 1998, 1023 - 1028

1998 [3/12] / neurčené - Honda, R., Sawada, S. Dynamic analysis of the ground by nonlinear finite element and finite difference method In: Proceedings of the 33rd Annual Conference of Japan Geotechnical Society. [S.l.]: [s.n.], 1998, 1119 - 1120

1998 [3/12] / neurčené - Honda, R., Sawada, S. Seismic response analysis of the ground by a 2D FD-nonlinear FE hybrid method In: Proceedings of the 53rd Annual Conference of Japan Society of Civil Engineers, I-B.. [S.l.]: [s.n.], 1998, 400 - 401

1998 [3/12] / neurčené - Pitarka, A. 3D elastic finite-difference modeling of seismic motion using staggered grids with variable spacing In: The Effects of Surface Geology on Seismic motion. Rotterdam: Balkema, 1998, 993 - 1000

1998 [3/12] / neurčené - Takenaka, H., Furumura, T., Fujiwara, H. Recent developments in numerical methods for ground motion simulation In: The Effects of Surface Geology on Seismic motion. Rotterdam: Balkema, 1998, 91 - 101

1998 [3/12] / neurčené - Faccioli, E., Vanini, M., Paolucci, R., Gabellini, E., Quarteroni, A. 3-D simulation of a 1995 Kobe earthquake aftershock by a pseudospectral method In: The effects of surface geology on seismic motion. Rotterdam: Balkema, 1998, 1399 - 1405

1999 [3/12] / neurčené - Janod, F. Propagation des ondes large bande dans des milieux élastiques 3D: méthodes d'Eléments de Frontière at couplage avec les Différences Finies [textový dokument (print)] . Grenoble: L'Université J. Fourier, 1999. 1 vyd.

1999 [1/12] / GBR - Komatitsch, D., Tromp, J. Introduction to the spectral element method for three-dimensional seismic wave propagation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 1999, Roč. 139, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 806 - 822

- 1999 [1/12] / neurčené** - Komatitsch, D., Vilotte, J. P., Vai, R., Castillo-Covarrubias, J. M., Sánchez-Sesma, F. J. The spectral element method for elastic wave equations-Application to 2-D and 3-D seismic problems In: International Journal of Numerical Methods Engineering, 1999, Roč. 45, č. 9. - SCIE ; SCO ; WOS CC, 1139 - 1164
- 1999 [1/12] / USA** - Opršal, I., Zahradník, J. Elastic finite-difference method for irregular grids [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 1999, Roč. 64, č. 1, [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC, 240 - 250
- 1999 [1/12] / neurčené** - Opršal, I., Zahradník, J. From unstable to stable seismic modelling by finite-difference method In: Physics and Chemistry of the Earth Part A-Solid Earth and Geodesy, 1999, Roč. 24, č. 3. - SCIE ; SCO ; WOS CC, 247 - 252
- 1999 [1/12] / USA** - Pitarka, A. 3D elastic finite-difference modeling of seismic motion using staggered grids with nonuniform spacing [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 1999, Roč. 89, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 54 - 68
- 1999 [3/12] / neurčené** - Takenaka, H. Seismic exploration In: Handbook of Exploration Geophysics. [s.l.]: The Society of Exploration Geophysicists of Japan, 1999, 851 - 862
- 1999 [1/12] / GBR** - Vai, R., Castillo-Covarrubias, J., Sánchez-Sesma, F. J., Komatitsch, D., Vilotte, J. P. Elastic wave propagation in an irregularly layered medium [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 1999, Roč. 18, č. 1, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 11 - 18
- 1999 [1/12] / GBR** - Zhang, J., Liu, T. P-SV-wave propagation in heterogeneous media: grid method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 1999, Roč. 136, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 431 - 438
- 2000 [1/12] / GBR** - Janod, F., Coutant, O. Seismic response of three-dimensional topographies using a time-domain boundary element method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2000, Roč. 142, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 603 - 614
- 2000 [3/12] / neurčené** - Tromp, J., Komatitsch, D. Spectral-element simulations of wave propagation in laterally homogeneous Earth models In: Problems in Geophysics for the New Millennium. Bologna: Univerzita obrany v Brně, 2000, 351 - 372
- 2002 [1/12] / GBR** - Hong, T. K., Kennett, B. L. N. A wavelet-based method for simulation of two-dimensional elastic wave propagation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2002, Roč. 150, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 610 - 638
- 2002 [1/12] / USA** - Hong, T. K., Kennett, B. L. N. On a wavelet-based method for the numerical simulation of wave propagation [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2002, Roč. 183, č. 2, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 577 - 622
- 2004 [1/12] / USA** - Ma, S., Archuleta, R. J., Liu, P. C. Hybrid modeling of elastic P-SV wave motion: A combined finite-element and staggered-grid finite-difference approach [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2004, Roč. 94, č. 4, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1557 - 1563
- 2002 [1/12] / CZE** - Opršal, I., Brokešová, J., Fah, D., Giardini, D. 3D hybrid ray-FD and DWN-FD seismic modeling for simple models containing complex local structures [elektronický dokument] In: Studia Geophysica et Geodaetica: a journal of geophysics, meteorology and climatology, geodesy. Praha: Akademie věd České republiky. Geofyzikální ústav AV ČR, 2002, Roč. 46, č. 4, [tlačená forma] [online]. ISSN 0039-3169. ISSN (online) 1573-1626. - SCIE ; SCO ; WOS CC, 711 - 730

2003 [1/12] / USA - Bielak, J., Loukakis, K., Hisada, Y., Yoshimura, C. Domain reduction method for three-dimensional earthquake modeling in localized regions, part I: theory [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2003, Roč. 93, č. 2, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 817 - 824

2003 [1/12] / GBR - Chavez-Garcia, F. J. Site effects in Parkway Basin: comparison between observations and 3-D modelling [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2003, Roč. 154, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 633 - 646

2004 [1/12] / USA - Komatitsch, D., Liu, Q. Y., Tromp, J., Suss, P., Stidham, C., Shaw, J. H. Simulations of ground motion in the Los Angeles basin based upon the spectral-element method [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2004, Roč. 94, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 187 - 206

2001 [1/12] / USA - Hayashi, K., Burns, D. R., Toksoz, M. N. Discontinuous-grid finite-difference seismic modeling including surface topography [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2001, Roč. 91, č. 6, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1750 - 1764

2002 [1/12] / USA - van Vossen, R., Robertsson, J. O. A., Chapman, C. H. Finite-difference modeling of wave propagation in a fluid-solid configuration [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2002, Roč. 67, č. 2, [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC, 618 - 624

2005 [1/12] / neurčené - Ruggiero, V., Lanucara, P., Busico, M. P., Caserta, A., Firmani, B. Numerical modelling of the ground motion: A parallel approach for finite element methods In: Applied and Industrial Mathematics in Italy. Singapore: World Scientific Publ Co, 2005. - CPCI-S ; WOS CC, 487 - 495

2002 [3/12] / neurčené - Kennett, B. L. N. The Seismic Wavefield. Volume 2: Interpretation of Seismograms on Regional and Global Scales [textový dokument (print)] . Cambridge: Cambridge University Press, 2002. 1 vyd.

2004 [1/12] / USA - Kang, T. S., Baag, C. E. An efficient finite-difference method for simulating 3D seismic response of localized basin structures [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2004, Roč. 94, č. 5, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1690 - 1705

2002 [1/12] / neurčené - Oprsal, I., Zahradnik, J. Three-dimensional finite difference method and hybrid modeling of earthquake ground motion In: Journal of Geophysical Research-Solid Earth, 2002, Roč. 107. - SCIE ; SCO ; WOS CC, Art. No. 2161

2002 [3/12] / neurčené - Pitarka, A., Graves, R. Hybrid Wave Propagation Modeling Based on 1D Discrete-wave Number and 3D Finite-difference Methods. USGS Technical Report Award No. 02HQGR0048 [textový dokument (print)] . [s.l.]: USGS, 2002. 1 vyd.

2001 [1/12] / GBR - Dineva, P. S., Manolis, G. D. Scattering of seismic waves by cracks in multi-layered geological regions 1. Mechanical model [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2001, Roč. 21, č. 7, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 615 - 625

2001 [1/12] / neurčené - Komatitsch, D., Martin, R., Tromp, J., Taylor, M. A., Wingate, B. A. Wave propagation in 2-D elastic media using a spectral element method with triangles and quadrangles In: Journal of Computational Acoustics, 2001, Roč. 9, č. 2. - SCIE ; SCO ; WOS CC, 703 - 718

2001 [1/12] / USA - Wang, Y., Takenaka, H. A multidomain approach of the Fourier pseudospectral method using discontinuous grid for elastic wave modeling [elektronický dokument] In: Earth, Planets and Space. New York: Springer Nature, 2001, Roč. 53, č. 3, [tlačená forma] [online]. ISSN 1343-8832. ISSN (online) 1880-5981. - SCIE ; SCO ; WOS CC, 149 - 158

2002 [1/12] / USA - Eisner, L., Clayton, R. W. Equivalent medium parameters for numerical modeling in

media with near-surface low velocities [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2002, Roč. 92, č. 2, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 711 - 722

2002 [1/12] / GBR - Komatitsch, D., Tromp, J. Spectral-element simulations of global seismic wave propagation-I. Validation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2002, Roč. 149, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 390 - 412

2002 [1/12] / GBR - Shapiro, N. M., Olsen, K. B., Singh, S. K. On the duration of seismic motion incident onto the Valley of Mexico for subduction zone earthquakes [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2002, Roč. 151, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 501 - 510

2003 [1/12] / USA - del Valle-Garcia, R., Sanchez-Sesma, F. J. Rayleigh waves modeling using an elastic lattice model [elektronický dokument] In: Geophysical Research Letters. Washington: John Wiley & Sons. American Geophysical Union, 2003, Roč. 30, č. 16, [tlačená forma] [online]. ISSN 0094-8276. ISSN (online) 1944-8007. - SCIE ; SCO ; WOS CC, Art. No. 1866

2003 [1/12] / USA - Fu, L. Y. Numerical study of generalized Lipmann-Schwinger integral equation including surface topography [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2003, Roč. 68, č. 2, [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC, 665 - 671

2003 [1/12] / GBR - Manolis, G. D. Elastic wave scattering around cavities in inhomogeneous continua by the BEM [elektronický dokument] In: Journal of Sound and Vibration. Londýn: Elsevier. Academic Press, 2003, Roč. 266, č. 2, [tlačená forma] [online]. ISSN 0022-460X. ISSN (online) 1095-8568. - SCIE ; SCO ; WOS CC, 281 - 305

2003 [1/12] / NLD - Ripperger, J., Igel, H., Wasserman, J. Seismic wave simulation in the presence of real volcano topography [elektronický dokument] In: Journal of Volcanology and Geothermal Research: an International Journal on the Geophysical, Geochemical, Petrological, Economic and Environmental Aspects of Volcanology and Geothermal Research. Amsterdam: Elsevier, 2003, Roč. 128, č. 1-3, [tlačená forma] [online]. ISSN 0377-0273. ISSN (online) 1872-6097. - SCIE ; SCO ; WOS CC, 31 - 44

2003 [1/12] / USA - Yoshimura, C., Bielak, J., Hisada, Y., Fernandez, A. Domain reduction method for three-dimensional earthquake modeling in localized regions, part 2: Verification and applications [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2003, Roč. 93, č. 2, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 825 - 840

2004 [1/12] / neurčené - Huang, Z. P., Zhang, M., Wu, W. Q., Dong, L. G. A domain decomposition method for numerical simulation of the elastic wave propagation In: Chinese Journal of Geophysics-Chinese Edition, 2004, Roč. 47, č. 6. - SCIE ; SCO ; WOS CC, 1094 - 1100

2004 [1/12] / neurčené - Manolis, G. D., Dineva, P. S., Rangelov, T. V. Wave scattering by cracks in inhomogeneous continua In: International journal of solids and structures, 2004, Roč. 41, č. 14, [tlačená forma]. ISSN 0020-7683. - SCIE ; SCO ; WOS CC, 3905 - 3927

2004 [1/12] / GBR - Zhang, J. F. Elastic wave modelling in heterogeneous media with high velocity contrasts [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2004, Roč. 159, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 223 - 239

2005 [1/12] / USA - Faccioli, E., Vanini, A., Paolucci, R., Stupazzini, A. Comment on "Domain reduction method for three-dimensional earthquake modeling in localized regions, Part 1: Theory," by J. Bielak, K. Loukakis, Y. Hisada, and C. Yoshimura, and "Part 2: Verification and applications," by C. Yoshimura, J. Bielak, Y. Hisada, and A. Fernandez [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2005, Roč. 95, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 763 - 769

2005 [3/12] / neurčené - Komatitsch, D., Tsuboi, S., Tromp, J. -. The spectral-element method in seismology In: Seismic Earth: Array Analysis of Broadband Seismograms. Geophysical Monograph

Series 157. Washington : American Geophysical Union, 2005, 2005, 205 - 227

2005 [1/12] / neurčené - Rangelov, T. V., Manolis, G. D., Dineva, P. S. Elastodynamic fundamental solutions for certain families of 2d inhomogeneous anisotropic domains: basic derivations In: European Journal of Mechanics A-Solids, 2005, Roč. 24, č. 5. - SCIE ; SCO ; WOS CC, 820 - 836

2005 [1/12] / neurčené - Tang, G., Clemence, D., Jackson, C., Lin, Q., Burbach, V. Physical and numerical modeling of seismic wave propagation In: Mathematical Studies in Nonlinear Wave Propagation : Contemporary Mathematics Series, 2005. - CPCI-S ; WOS CC, 191 - 211

2007 [1/12] / GBR - Dumbser, M., Kaser, M., de la Puente, J. Arbitrary high-order finite volume schemes for seismic wave propagation on unstructured meshes in 2D and 3D [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2007, Roč. 171, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 665 - 694

2007 [1/12] / GBR - Kaser, M., Dumbser, M., de la Puente, J., Igel, H. An arbitrary high-order discontinuous Galerkin method for elastic waves on unstructured meshes - 3. Viscoelastic attenuation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2007, Roč. 168, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 224 - 242

2013 [1/12] / HRV - Narayan, J. P., Kumar, V. A fourth-order accurate finite-difference program for the simulation of SH-wave propagation in heterogeneous viscoelastic medium [elektronický dokument] In: Geofizika. Zagreb: Geofizički zavod, 2013, Roč. 30, č. 2, [tlačená forma] [online]. ISSN 0352-3659. ISSN (online) 1846-6346. - SCIE ; SCO ; WOS CC, 173 - 189

2014 [1/12] / DEU - Narayan, J. P., Sahar, D. Three-dimensional viscoelastic finite-difference code and modelling of basement focusing effects on ground motion characteristics [elektronický dokument] In: Computational Geosciences: Modeling, Simulation and Data Analysis. Berlín: Springer Nature. Springer International Publishing AG, 2014, Roč. 18, č. 6, [tlačená forma] [online]. ISSN 1420-0597. ISSN (online) 1573-1499. - SCIE ; SCO ; WOS CC, 1023 - 1047

2014 [1/12] / GBR - Peyrusse, F., Glinsky, N., Gelis, C., Lanteri, S. A nodal discontinuous Galerkin method for site effects assessment in viscoelastic media-verification and validation in the Nice basin [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2014, Roč. 199, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 315 - 334

2014 [1/12] / POL - Shiuly, A., Kumar, V., Narayan, J. P. Computation of ground motion amplification in Kolkata megacity (India) using finite-difference method for seismic microzonation [elektronický dokument] In: Acta Geophysica. Varšava: Springer Nature. Springer International Publishing AG, 2014, Roč. 62, č. 3, [tlačená forma] [online]. ISSN 1895-6572. ISSN (online) 1895-7455. - SCIE ; SCO ; WOS CC, 425 - 450

2012 [1/12] / NLD - Liu, Q., Gu, Y. J. Seismic imaging: From classical to adjoint tomography In: Tectonophysics: The International Journal of Integrated Solid Earth Sciences. Amsterdam: Elsevier, 2012, Roč. 566-567, [tlačená forma] [online]. ISSN 0040-1951. - SCIE ; SCO ; WOS CC, 31 - 66

2012 [1/12] / GBR - Zhang, W., Zhang, Z., Chen, X. Three-dimensional elastic wave numerical modelling in the presence of surface topography by a collocated-grid finite-difference method on curvilinear grids [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2012, Roč. 190, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 358 - 378

2007 [1/12] / CZE - Perez-Ruiz, J. A., Luzon, F., Garcia-Jerez, A. Scattering of elastic waves in cracked media using a finite difference method [elektronický dokument] In: Studia Geophysica et Geodaetica: a journal of geophysics, meteorology and climatology, geodesy. Praha: Akademie věd České republiky. Geofyzikální ústav AV ČR, 2007, Roč. 51, č. 1, [tlačená forma] [online]. ISSN 0039-3169. ISSN (online) 1573-1626. - SCIE ; SCO ; WOS CC, 59 - 88

2011 [1/12] / neurčené - Fichtner, A. Full seismic waveform modelling and inversion : Advances in Geophysical and Environmental Mechanics and Mathematics [textový dokument (print)] . Berlin: Springer, 2011. 1 vyd. - BKCI-S ; WOS CC, 1

2011 [1/12] / USA - Lan, H., Zhang, Z. Three-Dimensional wave-field simulation in heterogeneous transversely isotropic medium with irregular free surface [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2011, Roč. 101, č. 3, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1354 - 1370

2014 [1/12] / USA - De la Puente, J., Ferrer, M., Hanzich, M., Castillo, J. E., Cela, J. M. Mimetic seismic wave modeling including topography on deformed staggered grids [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2014, Roč. 79, č. 3, 125- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2007 [1/12] / USA - Ichimura, T., Hori, M., Kuwamoto, H. Earthquake motion simulation with multiscale finite-element analysis on hybrid grid [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2007, Roč. 97, č. 4, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1133 - 1143

2008 [1/12] / NLD - Hori, M., Ichimura, T. Current state of integrated earthquake simulation for earthquake hazard and disaster [elektronický dokument] In: Journal of Seismology. Dordrecht: Springer Nature, 2008, Roč. 12, č. 2, [tlačená forma] [online]. ISSN 1383-4649. ISSN (online) 1573-157X. - SCIE ; SCO ; WOS CC, 307 - 321

2009 [1/12] / neurčené - Hori, M., Oguni, K., Ichimura, T. Integrated simulation for earthquake hazard and disaster prediction In: Journal of Earthquake and Tsunami, 2009, Roč. 3, č. 3. - SCIE ; SCO ; WOS CC, 121 - 141

2009 [1/12] / GBR - Ichimura, T., Hori, M., Bielak, J. A hybrid multiresolution meshing technique for finite element three-dimensional earthquake ground motion modelling in basins including topography [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2009, Roč. 177, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1221 - 1232

2011 [1/12] / USA - Dhemaied, A., Rejiba, F., Camerlynck, C., Bodet, L., Guerin, R. Seismic-Wave propagation modeling in viscoelastic media using the auxiliary differential equation method [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2011, Roč. 101, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 413 - 420

2014 [1/12] / USA - Cao, D., Yin, X. Equivalence relations of generalized rheological models for viscoelastic seismic-wave modeling [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2014, Roč. 104, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 260 - 268

2014 [1/12] / POL - Narayan, J. P., Kumar, V. Study of combined effects of sediment rheology and basement focusing in an unbounded viscoelastic medium using P-SV-wave finite-difference modelling [elektronický dokument] In: Acta Geophysica. Varšava: Springer Nature. Springer International Publishing AG, 2014, Roč. 62, č. 6, [tlačená forma] [online]. ISSN 1895-6572. ISSN (online) 1895-7455. - SCIE ; SCO ; WOS CC, 1214 - 1245

2011 [1/12] / GBR - Hermann, V., Kaser, M., Castro, C. E. Non-conforming hybrid meshes for efficient 2-D wave propagation using the Discontinuous Galerkin Method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2011, Roč. 184, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 746 - 758

2007 [1/12] / USA - JafarGandomi, A., Takenaka, H. Efficient FDTD algorithm for plane-wave simulation for vertically heterogeneous attenuative media [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2007, Roč. 72, č. 4, 43- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2011 [1/12] / GBR - Liu, T., Hu, T., Sen, M. K., Yang, J., Wang, R., Wei, J., Wang, S. A hybrid scheme for seismic modelling based on Galerkin method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2011, Roč. 186, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1165 - 1178

2012 [1/12] / GBR - Zhang, N., Gao, Y., Cai, Y., Li, D., Wu, Y. Scattering of SH waves induced by a non-symmetrical V-shaped canyon [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2012, Roč. 191, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 243 - 256

2013 [1/12] / neurčené - Manolis, G. D., Makra, K., Dineva, P. S., Rangelov, T. V. Seismic motions in a non-homogeneous soil deposit with tunnels by a hybrid computational technique In: Earthquakes and Structures, 2013, Roč. 5, č. 2. - SCIE ; SCO ; WOS CC, 161 - 205

2013 [1/12] / neurčené - Packo, P. Numerical simulation of elastic wave propagation In: Advanced Structural Damage Detection: From Theory to Engineering Applications, 2013, 2013. - SCO, 17 - 56

2014 [1/12] / neurčené - Shao, Y., An, M., Wang, S. Two-dimensional method for unconditionally stable elastic wave simulations In: Journal of the Acoustical Society of America, 2014, Roč. 136, č. 4. - SCIE ; SCO ; WOS CC, 1682 - 1691

2013 [1/12] / USA - Balde, Q. P. E., Ichimura, T., Hori, M., Nishida, A., Yoshimura, S. Seismic structural response Estimates of a fault-structure system model with fine resolution using multiscale analysis with parallel simulation of seismic-wave propagation [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2013, Roč. 103, č. 3, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 2094 - 2110

2012 [1/12] / NLD - Chu, C., Stoffa, P. L. Nonuniform grid implicit spatial finite difference method for acoustic wave modeling in tilted transversely isotropic media [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2012, Roč. 76, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, 44 - 49

2014 [1/12] / NLD - Wu, T., Chen, Z. A dispersion minimizing subgridding finite difference scheme for the Helmholtz equation with PML [elektronický dokument] In: Journal of Computational and Applied Mathematics. Amsterdam: Elsevier, 2014, Roč. 267, [tlačená forma] [online]. ISSN 0377-0427. ISSN (online) 1879-1778. - SCIE ; SCO ; WOS CC, 82 - 95

2012 [1/12] / NLD - Ducellier, A., Aochi, H. Interactions between topographic irregularities and seismic ground motion investigated using a hybrid FD-FE method [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2012, Roč. 10, č. 3, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 773 - 779

2007 [3/12] / neurčené - de la Puente, J. Seismic wave simulation for complex rheologies on unstructured meshes [textový dokument (print)] . München: Ludwig-Maximilians-Universität, 2007. 1 vyd.

2007 [1/12] / NLD - Manolis, G. D., Rangelov, T. V., Dineva, P. S. Free-field wave solutions in a half-plane exhibiting a special-type of continuous inhomogeneity [elektronický dokument] In: Wave Motion. Amsterdam: Elsevier. Elsevier Science, 2007, Roč. 44, č. 4, [tlačená forma] [online]. ISSN 0165-2125. ISSN (online) 1878-433X. - SCIE ; SCO ; WOS CC, 304 - 321

2007 [1/12] / neurčené - Tromp, J. Theory and Observations - Forward Modeling and Synthetic Seismograms: 3-D Numerical Methods In: Treatise on Geophysics, 2007, Roč. 1. - SCO, 191 - 217

2008 [1/12] / GBR - Brossier, R., Virieux, J., Operto, S. Parsimonious finite-volume frequency-domain method for 2-D P-SV-wave modelling [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2008, Roč. 175, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 541 - 559

2008 [1/12] / IND - Kamalian, M., Sohrabi-Bidar, A., Razmkhah, A., Taghavi, A., Rahmani, I. Considerations on seismic microzonation in areas with two-dimensional hills [elektronický dokument] In: Journal of Earth System Science. Bangalúr: Indian Academy of Sciences, 2008, Roč. 117, č. 2, [tlačená forma] [online]. ISSN 0253-4126. ISSN (online) 0973-774X. - SCIE ; SCO ; WOS CC, 783 - 796

2008 [1/12] / neurčené - Kamalian, M., Jafari, M. K., Sohrabi-Bidar, A., Razmkhah, A. Seismic response of 2-D semi-sine shaped hills to vertically propagating incident waves: Amplification patterns and engineering applications In: Earthquake Spectra, 2008, Roč. 24, č. 2. - SCIE ; SCO ; WOS CC, 405 - 430

- 2008 [1/12] / neurčené** - Razmkhah, A., Kamalian, M., Alielahi, H. Seismic behavior of 2D topographic features subjected to vertically propagating incident SV at high frequencies In: Geotechnical Special Publication, No. 181, 2008, 2008. - SCO, Art. No. 169
- 2008 [1/12] / neurčené** - Razmkhah, A., Kamalian, M., Golrokh, R. Parametric analysis of the seismic response of irregular topographic features In: Geotechnical Special Publication, No. 181, 2008, 2008. - SCO, Art. No. 20
- 2008 [1/12] / neurčené** - Razmkhah, A., Kamalian, M., Alielahi, H. Two-dimensional numerical analysis of homogenous topographic features using BEM In: 12th International Conference on Computer Methods and Advances in Geomechanics 2008, 2008, Roč. 4. - SCO, 2948 - 2956
- 2008 [1/12] / neurčené** - Zhao, H. B., Wang, X. M. An optimized staggered variable-grid finite-difference scheme and its application in cross-well acoustic survey In: Chinese Science Bulletin, 2008, Roč. 53, č. 6. - SCIE ; SCO ; WOS CC, 825 - 835
- 2009 [1/12] / neurčené** - Atakan, K. The need for Standardized Approach for Estimating the Local Site Effects Based on Ambient Noise Recordings In: Increasing Seismic Safety by Combining Engineering Technologies and Seismological Data ; Nato Science for Peace and Security Series C - Environmental Security. Dordrecht: Springer, 2009. - CPCI-S ; WOS CC, 3 - 15
- 2009 [1/12] / neurčené** - Ichimura, T., Hori, M. Structural seismic response analysis based on multiscale approach of computing fault-structure system In: Earthquake Engineering & Structural Dynamics, 2009, Roč. 38, č. 4. - SCIE ; SCO ; WOS CC, 439 - 455
- 2009 [1/12] / GBR** - Oprsal, I., Matyska, C., Irikura, K. The source-box wave propagation hybrid methods: general formulation and implementation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2009, Roč. 176, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 555 - 564
- 2009 [1/12] / USA** - Pei, Z. L., Fu, L. Y., Yu, G. X., Zhang, L. X. A wavelet-optimized adaptive grid method for finite-difference simulation of wave propagation [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2009, Roč. 99, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 302 - 313
- 2009 [1/12] / CHN** - Tang, H., Li, X., Qi, X., Chi, M. Effect of an explicit integration formula for dynamic equation on wave property of numerical simulation In: Dizhen xuebao. [s.l.]: Acta Seismologica Sinica Press, 2009, Roč. 31, č. 5, [tlačená forma]. ISSN 0253-3782. - SCO, 526 - 536
- 2009 [1/12] / neurčené** - Tromp, J. Theory and observations - Forward modeling and synthetic seismograms: 3-D numerical methods In: Seismology and structure of the Earth. San Diego: Elsevier, 2009. - BKCI-S ; WOS CC, 191 - 217
- 2010 [1/12] / neurčené** - Kaser, M., Castro, C., Hermann, V., Pelties, C. SeisSol - A Software for Seismic Wave Propagation Simulations In: High Performance Computing in Science and Engineering, Garching/Munich 2009. Berlin: Springer, 2010. - CPCI-S ; WOS CC, 281 - 292
- 2010 [1/12] / neurčené** - Stupazzini, M., Paolucci, R. Ground motion induced by train passage in urban area In: Proceedings of ISMA 2010 - International Conference on Noise and Vibration Engineering. Leuven: Katholieke Universiteit, 2010. - CPCI-S ; SCO ; WOS CC, 3547 - 3557
- 2011 [1/12] / neurčené** - Ba, Z. N., Liang, J. W. Wave scattering of a depositional valley in layered half-space for incident plane SV waves: Time domain solution In: Journal of Natural Disasters, 2011, Roč. 20, č. 3. - SCO, 131 - 138
- 2011 [1/12] / neurčené** - Brossier, R. Two-dimensional frequency-domain visco-elastic full waveform inversion: Parallel algorithms, optimization and performance In: Computers and Geosciences, 2011, Roč. 37, č. 4. - SCIE ; SCO ; WOS CC, 444 - 455
- 2011 [1/12] / neurčené** - Guan, X. Z., Fu, L. Y., Tao, Y., Yu, G. X. Boundary-volume integral equation numerical modeling for complex near surface In: Chinese Journal of Geophysics - Chinese Edition, 2011, Roč. 54, č. 9. - SCIE ; SCO ; WOS CC, 2357 - 2367

- 2011 [1/12] / GBR** - Wuttke, F., Dineva, P., Schanz, T. Seismic wave propagation in laterally inhomogeneous geological region via a new hybrid approach [elektronický dokument] In: Journal of Sound and Vibration. Londýn: Elsevier. Academic Press, 2011, Roč. 330, č. 4, [tlačená forma] [online]. ISSN 0022-460X. ISSN (online) 1095-8568. - SCIE ; SCO ; WOS CC, 664 - 684
- 2012 [1/12] / GBR** - Dineva, P. S., Wuttke, F., Manolis, G. D. Elastic wave scattering and stress concentration effects in non-homogeneous poroelastic geological media with discontinuities [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2012, Roč. 41, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 102 - 118
- 2012 [1/12] / USA** - Lan, H. Q., Zhang, Z. J. Seismic wavefield modeling in media with fluid-filled fractures and surface topography [elektronický dokument] In: Applied Geophysics. New York: Springer Nature, 2012, Roč. 9, č. 3, [tlačená forma] [online]. ISSN 16727975. ISSN (online) 19930658. - SCIE ; SCO ; WOS CC, 301 - 312
- 2012 [1/12] / neurčené** - Sabinin, V. Viscoelastic modeling and factor Q for reflection data In: Geofisica Internacional, 2012, Roč. 51, č. 4. ISSN 00167169. - SCIE ; SCO ; WOS CC, 377 - 391
- 2013 [1/12] / USA** - Quinay, P. E. B., Ichimura, T., Hori, M., Nishida, A., Yoshimura, S. Seismic structural response estimates of a fault-structure system model with fine resolution using multiscale analysis with parallel simulation of seismic-wave propagation [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2013, Roč. 103, č. 3, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; WOS CC, 2094 - 2110
- 2013 [1/12] / GBR** - Sohrabi-Bidar, A., Kamalian, M. Effects of three-dimensionality on seismic response of Gaussian-shaped hills for simple incident pulses [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2013, Roč. 52, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 1 - 12
- 2013 [1/12] / neurčené** - Tang, W., Wang, S., Yuan, S. Stability analysis of differential strategy for rugged topography by second-order elastic wave equation based on coordinate transformation In: Geophysical Prospecting for Petroleum, 2013, Roč. 52, č. 5. - SCO, 457 - 463
- 2013 [1/12] / USA** - Xu, H., Rodgers, A. J., Lomov, I. N., Petersson, N. A., Sjoegreen, B., Vorobiev, O. Y. Simulation of explosion ground motions using a hydrodynamic-to-elastic coupling approach in three dimensions [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2013, Roč. 103, č. 3, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 1629 - 1639
- 2014 [1/12] / neurčené** - Baker, J. W., Luco, N., Abrahamson, N. A., Graves, R. W., Maechling, P. J., Olsen, K. B. Engineering uses of physics-based ground motion simulations In: NCEE 2014 - 10th U.S. National Conference on Earthquake Engineering: Frontiers of Earthquake Engineering. Anchorage: Geologic Hazards Science Center, 2014. - SCO
- 2014 [1/12] / GBR** - Burjanek, J., Edwards, B., Faeh, D. Empirical evidence of local seismic effects at sites with pronounced topography: a systematic approach [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2014, Roč. 197, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 608 - 619
- 2014 [1/12] / GBR** - Masson, Y., Cupillard, P., Capdeville, Y., Romanowicz, B. On the numerical implementation of time-reversal mirrors for tomographic imaging [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2014, Roč. 196, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1580 - 1599
- 2014 [1/12] / AUT** - Parvanova, S., Dineva, P., Manolis, G. D. Elastic wave fields in a half-plane with free-surface relief, tunnels and multiple buried inclusions [elektronický dokument] In: Acta Mechanica. Viedeň: Springer Nature. Springer, 2014, Roč. 225, č. 7, [tlačená forma] [online]. ISSN 0001-5970. ISSN (online) 1619-6937. - SCIE ; SCO ; WOS CC, 1843 - 1865
- 2014 [1/12] / GBR** - Tong, P., Chen, C. W., Komatitsch, D., Basini, P., Liu, Q. High-resolution seismic array imaging based on an SEM-FK hybrid method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2014, Roč. 197, č. 1, [tlačená forma] [online]. ISSN

2019 [1/12] / GBR - Martin, R., Bodet, L., Tournat, V., Rejiba, F. Seismic wave propagation in nonlinear viscoelastic media using the auxiliary differential equation method [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 216, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 453 - 469

2019 [1/12] / neurčené - Tripathi, B.B., Espindola, D., Pinton, G.F. Piecewise parabolic method for propagation of shear shock waves in relaxing soft solids: One-dimensional case [elektronický dokument] In: International Journal for Numerical Methods in Biomedical Engineering, 2019, Roč. 35, č. 5, [tlačená forma]. ISSN 2040-7939. ISSN (online) 2040-7947. - SCIE ; SCO ; WOS CC

2020 [1/12] / neurčené - Seriani, G., Oliveira, S. P. Numerical modeling of mechanical wave propagation In: Rivista del Nuovo Cimento, 2020, Roč. 43, č. 9. - SCIE ; SCO ; WOS CC, 459 - 514

2021 [1/12] / GBR - Pienkowska, M., Monteiller, V., Nissen-Meyer, T. High-frequency global wavefields for local 3-D structures by wavefield injection and extrapolation [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2021, Roč. 225, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1782 - 1798

2022 [1/20] / GBR - Zhong, W., Liu, T. A Mesh Grading Technique for Near-fault Seismic Wave Propagation in Large Velocity-contrast Viscoelastic Earth Media [elektronický dokument] In: Journal of Earthquake Engineering. Abingdon: Taylor & Francis Group, 2022, Roč. 26, č. 3, s. 1388-1415 [tlačená forma] [online]. ISSN 1363-2469. ISSN (online) 1559-808X. - SCIE ; SCO ; WOS CC, 1388 - 1415

2022 [1/20] / USA - Yuan, S., Zhang, Z., Ren, H., Zhang, W., Song, X., Chen, X. Finite-Difference Modeling and Characteristics Analysis of Love Waves in Anisotropic-Viscoelastic Media [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2022, Roč. 112, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 23 - 47

2022 [1/20] / GBR - Anquez, P., Glinsky, N., Cupillard, P., Caumon, G. Impacts of geometric model simplifications on wave propagation-application to ground motion simulation in the lower Var valley basin (France) [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2022, Roč. 229, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 110 - 137

2015 [1/12] / NLD - Terekhov, A. V. Spectral-difference parallel algorithm for the seismic forward modeling in the presence of complex topography [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2015, Roč. 115, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, 206 - 219

2015 [1/12] / NLD - Manolis, G., Parvanova, S., Makra, K., Dineva, P. Seismic response of buried metro tunnels by a hybrid FDM-BEM approach [elektronický dokument] In: Bulletin of Earthquake Engineering: Official Publication of the European Association for Earthquake Engineering. Dordrecht: Springer Nature. Springer International Publishing AG, 2015, Roč. 13, č. 7, [tlačená forma] [online]. ISSN 1570-761X. ISSN (online) 1573-1456. - SCIE ; SCO ; WOS CC, 1953 - 1977

2017 [1/12] / GBR - Zhao, J.G., Huang, X.X., Liu, W.F., Zaho, W.J., Song, J.Y., Xiong, B., Wang, S.X: 2.5-D frequency-domain viscoelastic wave modelling using finite-element method. Článok [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 211, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 164 - 187

2023 [1/20] / USA - Zhou, X., Huo, S., Wang, H., Dong, S., Liang, Y., Cao, J. Model parameter design for modeling surface topography in VTI elastic finite-difference near-surface simulations [elektronický dokument]. DOI 10.1190/GEO2022-0027.1 In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2023, Roč. 88, č. 2, s. C33-C52 [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC ; SCO ; CCC, 33 - 52

2016 [1/12] / NLD - Sahar, D., Narayan, J. P. Quantification of focusing effects of the semi-spherical and semi-cylindrical synclinal basement topography on ground motion characteristics [elektronický dokument] In: Journal of Seismology. Dordrecht: Springer Nature, 2016, Roč. 20, č. 1, [tlačená forma] [online]. ISSN 1383-4649. ISSN (online) 1573-157X. - SCIE ; SCO ; WOS CC, 167 - 183

2016 [1/12] / ROM - Stanescu, M. M. Kelvin Model Equivalent to a Body with Viscoelastic Behaviour In: Materiale Plastice. Bukurešť: Revista de chimie SRL, 2016, Roč. 53, č. 2, [tlačená forma]. ISSN 0025-5289. - SCIE ; SCO ; WOS CC, 235 - 239

2021 [1/12] / ROM - Nagaso, M., Moysan, J., Lhuillier, C., Jeannot, J.-P. Simulation of Fluid Dynamics Monitoring Using Ultrasonic Measurements [elektronický dokument] In: Applied Sciences. Bukurešť: Universitatea Politehnica Bucuresti, 2021, Roč. 11, č. 15, [online]. ISSN (online) 1454-5101. - SCIE ; SCO ; WOS CC, Art. No. 7065

2019 [1/12] / USA - Trinh, P.T., Brossier, R., Metivier, L., Tavad, L., Virieux, J. Efficient time-domain 3D elastic and viscoelastic full-waveform inversion using a spectral-element method on flexible Cartesian-based mesh [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2019, Roč. 84, č. 1, 61- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2015 [1/12] / GBR - He, X., Yang, D., Wu, H. A weighted Runge-Kutta discontinuous Galerkin method for wavefield modelling [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2015, Roč. 200, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1389 - 1410

2016 [1/12] / USA - Lisitsa, V., Tcheverda, V., Botter, C. Combination of the discontinuous Galerkin method with finite differences for simulation of seismic wave propagation [elektronický dokument] In: Journal of Computational Physics. San Diego : American Academic Press, 2016, Roč. 311, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 142 - 157

2016 [1/12] / USA - Yang, D., He, X., Ma, X., Zhou, Y., Li, J. An optimal nearly analytic discrete-weighted Runge-Kutta discontinuous Galerkin hybrid method for acoustic wavefield modeling [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2016, Roč. 81, č. 5, 251- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2021 [1/12] / GBR - Liang, J., Wu, M., Ba, Z. Simulating elastic wave propagation in 3-D layered transversely isotropic half-space using a special IBEM: Hill topography as an example In: Engineering analysis with boundary elements: the international journal for boundary element research and applications. Southampton: Computational Mechanics Publications, 2021, Roč. 124, [tlačená forma]. ISSN 0955-7997. - SCIE ; SCO ; WOS CC, 64 - 81

2022 [1/20] / NLD - Huang, J., Hu, T., Song, J., Li, Y., Yu, Z., Liu, L. A novel hybrid method based on discontinuous Galerkin method and staggered-grid method for scalar wavefield modelling with rough topography [elektronický dokument] In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2022, Roč. 70, č. 3, [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCIE ; SCO ; WOS CC, 441 - 458

2017 [1/12] / GBR - Poursartip, B., Fathi, A., Kallivokas, L. F. Seismic wave amplification by topographic features: A parametric study [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2017, Roč. 92, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, 503 - 527

2020 [1/12] / GBR - Poursartip, B., Fathi, A., Tassoulas, J.L. Large-scale simulation of seismic wave motion: A review [elektronický dokument]. DOI 10.1016/j.soildyn.2019.105909 In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2020, Roč. 129, č. 105909, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC

2016 [1/12] / neurčené - Wu, T., Chen, Z., Chen, J. Optimal 25-point finite-difference subgridding techniques for the 2D Helmholtz equation In: Mathematical Problems in Engineering, 2016, 2016. - SCIE ; SCO ; WOS CC, Art. No. 1719846

2020 [1/12] / neurčené - Qu, Y.M., Li, J.L., Li, Z.C. Viscoacoustic Wave Numerical Simulation Method in an Auxiliary System for Irregular Surface Topography based on a Hybrid Spatial Partial Derivative Scheme [elektronický dokument] In: Journal of Theoretical and Computational Acoustics, 2020, Roč. 28, č. 1. ISSN 25917285. ISSN (online) 25917811. - SCIE ; SCO ; WOS CC

- 2019 [1/12] / NLD** - Ruan, B., Zhao, K., Wang, S.Y., Chen, G.X., Wang, H.Y. Numerical modeling of seismic site effects in a shallow estuarine bay (Suai Bay, Shantou, China) [elektronický dokument]. DOI 10.1016/j.enggeo.2019.105233 In: Engineering Geology: An International Journal. Amsterdam: Elsevier, 2019, Roč. 260, č. 105233, [tlačená forma] [online]. ISSN 0013-7952. ISSN (online) 1872-6917. - SCIE ; SCO ; WOS CC
- 2015 [1/12] / USA** - Chung, E. T., Lam, C. Y., Qian, J. A staggered discontinuous Galerkin method for the simulation of seismic waves with surface topography [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2015, Roč. 80, č. 4, 119- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; WOS CC
- 2015 [1/12] / neurčené** - Guo, J., Chen, X., Gao, M., Li, C. Review of long period strong ground motion simulations at near-field based on kinematic source models In: World Information on Earthquake Engineering, 2015, Roč. 31, č. 4. - SCO, 226 - 235
- 2015 [1/12] / NLD** - Liu, S., Li, X., Wang, W., Xu, L., Li, B. A modified symplectic scheme for seismic wave modeling [elektronický dokument] In: Journal of Applied Geophysics. Amsterdam: Elsevier, 2015, Roč. 116, [tlačená forma] [online]. ISSN 0926-9851. ISSN (online) 1879-1859. - SCIE ; SCO ; WOS CC, 110 - 120
- 2015 [1/12] / neurčené** - Delcourte, S., Glinsky, N. Ěnalysis of a high-order space and time discontinuous Galerkin method for elastodynamic equations. Application to 3D wave propagation In: Esaim-Mathematical Modelling and Numerical Analysis, 2015, Roč. 49, č. 4. - SCIE ; SCO ; WOS CC, 1085 - 1126
- 2015 [3/12] / neurčené** - Fontara, I. K., Wuttke, F., Parvanova, S., Dineva, P. Wave propagation due to an embedded seismic source in a graded half-plane with relief peculiarities part I: Mechanical model and computational technique [elektronický dokument] In: Journal of Theoretical and Applied Mechanics, 2015, Roč. 45, č. 1, [tlačená forma]. ISSN 1429-2955. ISSN (online) 2543-6309, 87 - 98
- 2015 [1/12] / USA** - Kuznetsov, S. V., Terentjeva, E. O. Planar internal Lamb problem: Waves in the epicentral zone of a vertical power source [elektronický dokument] In: Acoustical Physics. New York: Pleiades Publishing, 2015, Roč. 61, č. 3. ISSN 1063-7710. ISSN (online) 1562-6865. - SCIE ; SCO ; WOS CC, 356 - 367
- 2015 [1/12] / neurčené** - Li, Q., Huang, J., Li, Z., Li, N., Wang, C., Zhang, Y. Undulating surface body-fitted grid seismic modeling based on fully staggered-grid mimetic finite difference In: Shiyou Diqu Wuli Kantan/Oil Geophysical Prospecting, 2015, Roč. 50, č. 4. - SCO, 633 - 642
- 2015 [1/12] / GBR** - Yan, B., Zeng, X., Li, Y. Subsection forward modeling method of blasting stress wave underground [elektronický dokument] In: Mathematical Problems in Engineering. London: Hindawi Publishing Corporation, 2015, Roč. 2015, [tlačená forma] [online]. ISSN 1024-123X. ISSN (online) 1563-5147. - SCIE ; SCO ; WOS CC, Art. No. 678468
- 2016 [1/12] / USA** - Il'yasov, K. K., Kravtsov, A. V., Kuznetsov, S. V., Sekerzh-Zen'kovich, S. Y. Exterior 3D lamb problem: Harmonic load distributed over a surface [elektronický dokument] In: Mechanics of Solids. New York: Pleiades Publishing, 2016, Roč. 51, č. 1, [tlačená forma] [online]. ISSN 0025-6544. ISSN (online) 1934-7936. - SCIE ; SCO ; WOS CC, 39 - 45
- 2016 [1/12] / neurčené** - Qu, Y., Huang, J., Li, Z., Li, Q., Li, R., Wang, Y. Elastic wave forward modeling and wave-field separation of irregular free-surface based on the layered mapping method In: Shiyou Diqu Wuli Kantan/Oil Geophysical Prospecting, 2016, Roč. 51, č. 2. - SCO, 261 - 271
- 2017 [1/12] / neurčené** - Manolis, G. D., Dineva, P., Rangelov, T. V., Wuttke, F. Anti-plane strainwave motion in finite inhomogeneous media In: Solid Mechanics and Its Applications, 2017, Roč. 240. - BKCI-S ; SCO ; WOS CC, 181 - 209
- 2017 [1/12] / GBR** - Masson, Y., Romanowicz, B., Romanowicz, B., Romanowicz, B. Fast computation of synthetic seismograms within a medium containing remote localized perturbations: A numerical solution to the scattering problem [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 208, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 674 - 692

2017 [1/12] / neurčené - Guan, X.Z., Fu, L.Y., Sun, W.J. Acoustic viscoelastic modeling by frequency-domain boundary element method [elektronický dokument] In: Earthquake Science, 2017, Roč. 30, č. 2. ISSN 16744519. ISSN (online) 18678777. - SCIE ; SCO ; WOS CC, 97 - 105

2017 [1/12] / USA - Li, B., Liu, Y., Sen, M.K., Ren, Z.M. Time-space-domain mesh-free finite difference based on least squares for 2D acoustic-wave modeling [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2017, Roč. 82, č. 4, 143- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2017 [1/12] / GBR - Masson, Y., Romanowicz, B. Box tomography: localized imaging of remote targets buried in an unknown medium, a step forward for understanding key structures in the deep Earth [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2017, Roč. 211, č. 1, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; WOS CC, 141 - 163

2017 [1/12] / USA - Qu, Y.M., Li, Z.C., Huang, J.P., Li, J.L., Guan, Z. Elastic full-waveform inversion for surface topography [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2017, Roč. 82, č. 5, 269- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2017 [1/12] / neurčené - Takenata, H., Komatsu, M., Toyokuni, G., Nakamura, T., Okamoto, T. Quasi-Cartesian finite-difference computation of seismic wave propagation for a three-dimensional sub-global model. DOI 10.1186/s40623-017-0651-1 In: Earth Planets and Space, 2017, Roč. 69. - SCIE ; SCO ; WOS CC, Art. No. 67

2018 [1/12] / USA - Cao, J., Chen, J.B. A parameter-modified method for implementing surface topography in elastic-wave finite-difference modeling [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2018, Roč. 83, č. 6, [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC, 313 - 332

2018 [1/12] / USA - Narayan, J.P., Kamal: A scenario of ground shaking hazard in intracratonic circular basins developed by basin-generated surface waves: an earthquake engineering perspective. Článek [elektronický dokument] In: Natural Hazards. New York: Springer Nature. Springer, 2018, Roč. 92, č. 3, [tlačená forma] [online]. ISSN 0921-030X. ISSN (online) 1573-0840. - SCIE ; SCO ; WOS CC, 1841 - 1857

2018 [1/12] / neurčené - Narayan, J.P., Kumar, A. Quantification of Effects of Ridge and Valley Topography on the Rayleigh Wave Characteristics In: Journal of Earthquake and Tsunami, 2018, Roč. 12, č. 3. - SCIE ; SCO ; WOS CC

2018 [1/12] / GBR - Qu, Y.M., Li, Z.C., Huang, J.P., Li, J.L. Multi-scale full waveform inversion for areas with irregular surface topography in an auxiliary coordinate system [elektronický dokument] In: Exploration Geophysics. Abingdon: Taylor & Francis Group, 2018, Roč. 49, č. 1, [tlačená forma] [online]. ISSN 08123985. ISSN (online) 18347533. - SCIE ; SCO ; WOS CC, 68 - 80

2018 [1/12] / USA - Qu, Y.M., Sun, J.Z., Li, Z.C., Huang, J.P., Li, H.P., Sun, W.Z. Forward modeling of ocean-bottom cable data and wave-mode separation in fluid-solid elastic media with irregular seabed [elektronický dokument] In: Applied Geophysics. New York: Springer Nature, 2018, Roč. 15, č. 3-4, [tlačená forma] [online]. ISSN 16727975. ISSN (online) 19930658. - SCIE ; SCO ; WOS CC, 432 - 447

2019 [1/12] / CHE - Kumar, N., Narayan, J.P. Quantification of Fundamental Frequencies of 3D Basins and Structures and Site-City Interaction Effects on Responses of Structures [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2019, Roč. 176, č. 10, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 4477 - 4502

2019 [1/12] / IRN - Mohammadnezhad, H., Zafarani, H., Ghaemian, M. Domain reduction method for seismic analysis of dam-foundation-fault system [elektronický dokument] In: Scientia Iranica: Transactions B: Mechanical Engineering: International Journal of Science & Technology. Teherán: Sharif University of Technology, 2019, Roč. 26, č. 1, [tlačená forma] [online]. ISSN 1026-3098. ISSN (online) 2345-3605. - SCIE ; SCO ; WOS CC, 145 - 156

2019 [1/12] / NLD - Qu, Y.M., Guan, Z., Li, Z.C. Topographic elastic least-squares reverse time migration

based on vector P- and S-wave equations in the curvilinear coordinates [elektronický dokument] In: Geophysical Prospecting. DB Houten: The European Association of Geoscientists and Engineers (EAGE), 2019, Roč. 67, č. 5, [tlačená forma] [online]. ISSN 0016-8025. ISSN (online) 1365-2478. - SCIE ; SCO ; WOS CC, 1271 - 1295

2019 [1/12] / GBR - Sun, Y. C., Ren, H., Zheng, X. Z., Li, N., Zhang, W., Huang, Q., Chen, X: 2-D poroelastic wave modelling with a topographic free surface by the curvilinear grid finite-difference method. Článok [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2019, Roč. 218, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1961 - 1982

2019 [1/12] / USA - Tripathi, B.B., Espindola, D., Pinton, G.F. Modeling and simulations of two dimensional propagation of shear shock waves in relaxing soft solids [elektronický dokument]. DOI 10.1016/j.jcp.2019.06.014 In: Journal of Computational Physics. San Diego : American Academic Press, 2019, Roč. 395, [tlačená forma] [online]. ISSN 0021-9991. ISSN (online) 1090-2716. - SCIE ; SCO ; WOS CC, 205 - 222

2019 [1/12] / KWT - Valdi, M.H.T., Atrechian, M.R., Sahlkoohy, A.J., Balasbaneh, A.T. Numerical study of seismic response of trapezoidal alluvial valleys against vertically propagating incident waves [elektronický dokument] In: Journal of Engineering Research. Kuvajt: Kuwait University, School of Law, 2019, Roč. 7, č. 4, [tlačená forma]. ISSN 2307-1877. ISSN (online) 2307-1885. - SCIE ; SCO ; WOS CC, 37 - 57

2019 [1/12] / neurčené - Wang, N., Li, J.H., Borisov, D., Gharti, H.N., Shen, Y., Zhang, W., Savage, B. Modeling Three-Dimensional Wave Propagation in Anelastic Models With Surface Topography by the Optimal Strong Stability Preserving Runge-Kutta Method In: Journal of Geophysical Research-Solid Earth, 2019, Roč. 124, č. 1. - SCIE ; SCO ; WOS CC, 890 - 907

2020 [1/12] / CHE - Kumar, L., Narayan, J.P. Computation of Ground Motion Amplification Scenario in NCT Delhi for Earthquake Engineering Purposes and Seismic Microzonation [elektronický dokument] In: Pure and Applied Geophysics: pageoph. Bazilej: Springer Nature. Springer International Publishing AG, 2020, Roč. 177, č. 8, [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCIE ; SCO ; WOS CC, 3797 - 3829

2020 [1/12] / USA - Liu, B., Fu, L.Y., Yu, G.X., Li, Q.Q., Huang, J.P. Seismogram Synthesis for Multilayered Heterogeneous Media with Irregular Interfaces by the Global Generalized Reflection-Transmission Matrices Method [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2020, Roč. 110, č. 1, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCIE ; SCO ; WOS CC, 357 - 368

2020 [1/12] / USA - Qu, Y.M., Guan, Z., Li, J.L., Li, Z.C. Fluid-solid coupled full-waveform inversion in the curvilinear coordinates for ocean-bottom cable data [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2020, Roč. 85, č. 3, [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2020 [1/12] / GBR - Veeraraghavan, S., Coleman, J.L., Bielak, J. Simulation of site and topographic effects on ground motion in Los Alamos, NM mesas [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2020, Roč. 220, č. 3, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1504 - 1520

2020 [1/12] / neurčené - Vishnevsky, D. M., Solovyev, S. A., Lisitsa, V. V. Numerical Simulation of Wave Propagation in 3D Elastic Media with Viscoelastic Formations In: Lobachevskii Journal of Mathematics, 2020, Roč. 41, č. 8. - ESCI ; SCO ; WOS CC, 1603 - 1614

2020 [1/12] / CHE - Asgari, M. H., Khodakarami, M. I., Vahdani, R. The Effect of Topographic Irregularities on Seismic Response of the Concrete Rectangular Liquid Storage Tanks Incorporating Soil-Structure-Liquid Interaction [elektronický dokument] In: Iranian Journal of Science and Technology - Transactions of Civil Engineering. Cham: Springer Nature. Springer, 2020, Roč. 44, č. 4, [tlačená forma] [online]. ISSN 22286160. ISSN (online) 23641843. - SCIE ; SCO ; WOS CC, 1179 - 1197

2019 [1/12] / neurčené - Krebes, E. S. Seismic Wave Theory [textový dokument (print)] . Cambridge: Cambridge University Press, 2019. 1 vyd. - SCO

2018 [1/12] / neurčené - Moghaddam, P.P., Rahimi Dalkhani, A., Keshavarz, N., Beyrami, H., Sharifi, M.,

Mohajjel Kafshdooz, M. A hybrid finite-difference and spectral-element method for free-surface topography modeling In: 80th EAGE Conference and Exhibition 2018: Opportunities Presented by the Energy Transition : Conference Proceedings. [Houten]: European Association of Geoscientists & Engineers, 2018. - SCO, 1 - 5

2022 [1/20] / USA - Qu, Y., Ren, J., Huang, C., Li, Z., Wang, Y., Liu, C. 3-D Least-Squares Reverse Time Migration in Curvilinear-tau Domain [elektronický dokument] In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2022, Roč. 60, [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCIE ; SCO ; WOS CC, art. no. 5908214

2022 [1/20] / CHN - Li, Z.-C., Qu, Y.-M. Research progress on seismic imaging technology [elektronický dokument] In: Petroleum Science. Peking: KEAI publishing, 2022, Roč. 19, č. 1, [tlačená forma] [online]. ISSN 16725107. ISSN (online) 19958226. - SCIE ; SCO ; WOS CC, 128 - 146

2022 [1/20] / GBR - Ba, Z., Wu, M., Liang, J., Zhao, J., Lee, V. W. A two-step approach combining FK with SE for simulating ground motion due to point dislocation sources [elektronický dokument] In: Soil Dynamics and Earthquake Engineering. Edinburgh: Elsevier, 2022, Roč. 157, [tlačená forma]. ISSN 0267-7261. ISSN (online) 1879-341X. - SCIE ; SCO ; WOS CC, art. no. 107224

2022 [1/20] / NLD - Santos, M. F. F., do Carmo, E. G. D., Junior, E. F. F., Mansur, W. J. A scheme for the analysis of primal stationary boundary value problems based on multi-method [elektronický dokument] In: Finite Elements in Analysis and Design. Amsterdam: Elsevier, 2022, Roč. 209, [tlačená forma] [online]. ISSN 0168-874X. ISSN (online) 1872-6925. - SCIE ; SCO ; WOS CC, art. no. 103809

2022 [1/20] / USA - Bratov, V. A., Kuznetsov, S. V., Morozov, N. F. Lamb Problems and Related Problems in Dynamics: a Review [elektronický dokument] In: Mechanics of Solids. New York: Pleiades Publishing, 2022, Roč. 57, č. 8, [tlačená forma] [online]. ISSN 0025-6544. ISSN (online) 1934-7936. - SCIE ; SCO ; WOS CC, 1942 - 1952

2023 [1/20] / GBR - Adourian, S., Lyu, C., Masson, Y., Munch, F., Romanowicz, B. Combining different 3-D global and regional seismic wave propagation solvers towards box tomography in the deep Earth [elektronický dokument] In: Geophysical Journal International. Oxford: Oxford University Press, 2023, Roč. 232, č. 2, [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCIE ; SCO ; WOS CC, 1340 - 1356

2023 [1/20] / USA - Li, Q., Wu, G., Jia, Z., Duan, P. Full-waveform inversion in acoustic-elastic coupled media with irregular seafloor based on the generalized finite-difference method [elektronický dokument] In: Geophysics: a journal of general and applied geophysics. Tulsa: The Society of Exploration Geophysicists, 2023, Roč. 88, č. 2, 83- [tlačená forma] [online]. ISSN 0016-8033. ISSN (online) 1942-2156. - SCIE ; SCO ; WOS CC

2023 [1/20] / USA - Pischiutta, M., Puglia, R., Bordoni, P., Lovati, S., Cultrera, G., Mercuri, A., Fodarella, A., Massa, M., D'alema, E. Site-Dependent Amplification on Topography during the 2016 Amatrice Seismic Sequence, Central Italy [elektronický dokument] In: Bulletin of the Seismological Society of America. ElCerrito: Seismological Society of America, 2023, Roč. 113, č. 3, [tlačená forma] [online]. ISSN 0037-1106. ISSN (online) 1943-3573. - SCO, 1208 - 1229

2015 [1/12] / USA - Kuznetsov, S. V., Terent'eva, E. O. Wave Fields and Domination Regions for the Interior Lamb Problem [elektronický dokument] In: Mechanics of Solids. New York: Pleiades Publishing, 2015, Roč. 50, č. 5, [tlačená forma] [online]. ISSN 0025-6544. ISSN (online) 1934-7936. - SCIE ; SCO ; WOS CC, 508 - 520

2024 [1/20] / NLD - Asfour, K., Martin, R., Baz, D. El, Bodet, L., Plazolles, B. Impact of Source Modelling and Poroelastic Models on Numerical Modelling of Unconsolidated Granular Media [elektronický dokument]: Application at the Laboratory Scale. DOI 10.1007/s10712-023-09812-w In: Surveys in Geophysics: an international review journal of geophysics and planetary sciences: an International Review Journal Covering the Entire Field of Geosciences and Related Areas. [Amsterdam]: Springer Nature, 2024, Roč. 45, č. 2, s. 489-524 [tlačená forma] [online]. ISSN 0169-3298. ISSN (online) 1573-0956. - SCO ; WOS CC ; CCC ; SCIE, 489 - 524

2024 [1/20] / GBR - Zhou, Bing, Liu, Xu, Wang, Pengde, Kumar, Manjeet. Novel methods to determine the slowness and ray-velocity vectors in viscoelastic anisotropic media [elektronický dokument]. DOI 10.1093/gji/ggad467 In: Geophysical Journal International. Oxford: Oxford University Press, 2024, Roč.

236, č. 2, s. 1053-1067 [tlačená forma] [online]. ISSN 0956-540X. ISSN (online) 1365-246X. - SCO ; WOS CC ; SCIE ; CCC, 1053 - 1067

2023 [1/20] / USA - Zheng, Jinxin, Zhou, Hui, Tang, Jinxuan, Chen, Hanming, Zhou, Xihua, Wang, Linfei. Finite Difference Method for First-Order Velocity-Stress Equation in Body-Fitted Coordinate System [elektronický dokument]. DOI 10.1109/TGRS.2023.3276128 In: IEEE Transactions on Geoscience and Remote Sensing. New York: Institute of Electrical and Electronics Engineers, 2023, Roč. 61, art. no. 5910711 [tlačená forma] [online]. ISSN 01962892. ISSN (online) 15580644. - SCO ; WOS CC ; CCC ; SCIE, art. no. 5910711

2024 [1/20] / NLD - Jin, Chao, Zhou, Bing, Riahi, Mohamed Kamel, Zemerly, Mohamed Jamal, Cao, Danping. On the numerical resolution of the second-order viscoacoustic and viscoelastic anisotropic wave equations using the recursive convolution method [elektronický dokument]. DOI 10.1016/j.cageo.2024.105538 In: Computers & Geosciences. Amsterdam: Elsevier, 2024, č. 184, art. no. 105538 [tlačená forma] [online]. ISSN 0098-3004. ISSN (online) 1873-7803. - SCO ; WOS CC ; CCC ; SCIE, art. no. 105538

2023 [1/20] / CHE - Vishal, Narayan, J. P. Numerical Simulations and Development of Relations for the Assessment of Ground Motion Amplifications Along the Flanks of 2D and 3D Hills [elektronický dokument]. DOI 10.1007/s00024-023-03261-7 In: Pure and Applied Geophysics: pageoph. Bazel: Springer Nature. Springer International Publishing AG, 2023, Roč. 180, č. 6, s. 2275-2307 [tlačená forma] [online]. ISSN 0033-4553. ISSN (online) 1420-9136. - SCO ; WOS CC ; CCC ; SCIE, 2275 - 2307

ADD Vedecké práce v domácich karentovaných časopisoch

Počet výstupov: 1

ADD_001 / Hók, Jozef (Autor) [Docent] [UKOPRGGP] (40%) - Kysel, Róbert (Autor) [Odborný asistent] [UKOMFKAFZM] (10%) - Kováč, Michal (Autor) [Profesor] [UKOPRGGP] (10%) - Moczo, Peter (Autor) [Profesor] [UKOMFKAFZM] (10%) - Kristek, Jozef (Autor) [Docent] [UKOMFKAFZM] (10%) - Kristeková, Miriam (Autor) (10%) - Šujan, Martin (Autor) (10%): A seismic source zone model for the seismic hazard assessment of Slovakia. – text, tab., obr. – [recenzované]. – DOI 10.1515/geoca-2016-0018. – CCC ; SCO ; WOS CC ; OA ; SCIE

In: *Geologica Carpathica* [textový dokument (print)] [elektronický dokument] : international geological journal. – Bratislava (Slovensko) : Slovenská akadémia vied. Pracoviská SAV. Ústav vied o zemi. – ISSN 1335-0552. – ISSN (online) 1336-8052. – Roč. 67, č. 3 (2016), s. 273-288 [tlačená forma] [online]

Počet všetkých autorov: 7

[článok]

Lit.: 91

[OV 092 Vedy o Zemi a vesmíre]

Indikátor časopisu:

IF: 1,358

SNIP: 1,033

SJR: 0,729

CiteScore: 2,4

Ohlasy (15):

2019 [1/20] / SVK - McCALPIN, James P., Liščák, Pavel, Jelínek, Robert, Zorba, Molly O., Santacana, Nuria. Postglacial deformation history of Sackungen on the southern slope of Mount Chabenec, Nízke Tatry Mts., Slovakia [elektronický dokument] In: Mineralia Slovaca: časopis pre regionálnu a environmentálnu geológiu a aktivity Slovenskej geologickej spoločnosti a geologických asociácií. Bratislava: Štátny geologický ústav Dionýza Štúra, 2019, Roč. 51, č. 1, s. 1-30 [tlačená forma] [online]. ISSN 0369-2086. ISSN (online) 1338-3523. - SCO, 1 - 30

2020 [1/20] / GBR - Szczygieł, Jacek, Wróblewski, Wojciech, Mendecki, Maciej Jan, Hercman, Helena, Bosák, Pavel. Soft-sediment deformation structures in cave deposits and their possible causes (Kalacka Cave, Tatra Mts., Poland) [elektronický dokument]. DOI 10.1016/j.jsg.2020.104161 In: Journal of Structural Geology. Kidlington: Elsevier. Pergamon Press, 2020, Roč. 140, [tlačená forma]. ISSN 0191-8141. ISSN (online) 1873-1201. - SCO ; CCC ; WOS CC

2020 [1/20] / NLD - Pánek, Tomáš, Minár, Jozef, Vitovič, Ladislav, Břežný, Michal. Post-LGM faulting in Central Europe: LiDAR detection of the >50 km-long Sub-Tatra fault, Western Carpathians [elektronický dokument]. DOI 10.1016/j.geomorph.2020.107248 In: Geomorphology: an international journal on pure and applied geomorphology. Amsterdam: Elsevier, 2020, č. 364, art. no. 7248, s. [1-15] [tlačená forma]

[online]. ISSN 0169-555X. ISSN (online) 1872-695X. - SCO ; CCC ; SCIE ; WOS CC, [1 - 15]

2020 [1/20] / DEU - Plašienka, Dušan, Bučová, Jana, Šimonová, Viera. Variable structural styles and tectonic evolution of an ancient backstop boundary: the Pieniny Klippen Belt of the Western Carpathians [elektronický dokument]. DOI 10.1007/s00531-019-01789-5 In: International Journal of Earth Sciences: Geologische Rundschau ; journal of Geologische Vereinigung. Berlin: Springer Nature. Springer International Publishing AG, 2020, Roč. 109, č. 4, s. 1355-1376 [tlačená forma] [online]. ISSN 1437-3254. ISSN (online) 1437-3262. - SCO ; CCC ; WOS CC, 1355 - 1376

2022 [1/20] / SVK - Bielík, Miroslav, Zeyen, Hermann, Starostenko, Vitaly, Makarenko, Irina, Legostaeva, Olga, Savchenko, Sasha, Dérerová, Jana, Grinč, Michal, Godová, Dominika, Pánisová, Jaroslava. A review of geophysical studies of the lithosphere in the Carpathian–Pannonian region [elektronický dokument]. DOI 10.31577/GeolCarp.73.6.2 In: Geologica Carpathica: international geological journal. Bratislava: Slovenská akadémia vied. Pracoviská SAV. Ústav vied o zemi, 2022, Roč. 73, č. 6, s. 499-516 [tlačená forma] [online]. ISSN 1335-0552. ISSN (online) 1336-8052. - SCO ; WOS CC ; CCC ; OA, 499 - 516

2022 [1/20] / USA - Ramachandran, Dhavamani, Pipík, Radovan, Sočuvka, Valentín, Šurka, Juraj, Starek, Dušan, Milovský, Rastislav, Uhlík, Peter, Vidhya, Marina, Žatková, Lucia, Král, Pavol. Sub-bottom and bathymetry sonar inspection of postglacial lacustrine infill of the alpine lakes (Tatra Mts., Slovakia) [elektronický dokument]. DOI 10.1016/j.catena.2021.105787 In: Catena: an interdisciplinary journal of soil science, hydrology, geomorphology focusing on geocology and landscape evolution. New York: Elsevier, 2022, č. 209, art. no. 105787, s. [1-15] [tlačená forma] [online]. ISSN 0341-8162. ISSN (online) 1872-6887. - SCO ; SCIE ; CCC ; WOS CC, [1 - 15]

2021 [1/20] / NLD - Vitovič, Ladislav, Minár, Jozef, Pánek, Tomáš. Morphotectonic configuration of the Podtatranska Kotlina Basin and its relationship to the origin of the Western Carpathians [elektronický dokument]. DOI 10.1016/j.geomorph.2021.107963 In: Geomorphology: an international journal on pure and applied geomorphology. Amsterdam: Elsevier, 2021, č. 394, art. no. 7963, s. [1-22] [tlačená forma] [online]. ISSN 0169-555X. ISSN (online) 1872-695X. - SCO ; CCC ; WOS CC ; SCIE, [1 - 22]

2021 [1/20] / POL - Briestenský, Miloš, Stemberk, Josef, Littva, Juraj, Vojtko, Rastislav. Tectonic pulse registered between 2013 and 2015 on the eastern margin of the Bohemian Massif [elektronický dokument]. DOI 10.7306/gq.1582 In: Geological Quarterly. Warszawa: Panstwowy Instytut Geologiczny, 2021, Roč. 65, č. 1, art. no. 14, s. [1-7] [tlačená forma] [online]. ISSN 1641-7291. ISSN (online) 2082-5099. - CCC ; SCO ; WOS CC, [1 - 7]

2021 [1/20] / GBR - Bella, Pavel, Gradziński, Michał, Hercman, Helena, Leszczyński, Stanisław, Nemec, Wojciech. Sedimentary anatomy and hydrological record of relic fluvial deposits in a karst cave conduit [elektronický dokument]. DOI 10.1111/sed.12785 In: Sedimentology: the Journal of the International Association of Sedimentologists. Chichester: John Wiley & Sons, 2021, Roč. 68, č. 1, s. 425-448 [tlačená forma] [online]. ISSN 0037-0746. ISSN (online) 1365-3091. - SCO ; WOS CC ; CCC, 425 - 448

2021 [1/20] / NLD - Szczygiel, Jacek, Gradziński, Michał, Bella, Pavel, Hercman, Helena, Littva, Juraj, Mendecki, Maciej J., Sala, Przemysław, Wróblewski, Wojciech. Quaternary faulting in the Western Carpathians: Insights into paleoseismology from cave deformations and damaged speleothems (Demänová Cave System, Low Tatra Mts). DOI 10.1016/j.tecto.2021.229111 In: Tectonophysics: The International Journal of Integrated Solid Earth Sciences. Amsterdam: Elsevier, 2021, č. 820, s. 1-18 [tlačená forma] [online]. ISSN 0040-1951. - CCC ; SCO ; WOS CC, Art. No. 229111 - 18

2020 [1/20] / NLD - Ruskiczay-Rüdiger, Zs, Balázs, Attila, Csillag, G., Drijkoningen, G., Fodor, László. Uplift of the Transdanubian Range, Pannonian Basin: How fast and why? [elektronický dokument]. DOI 10.1016/j.gloplacha.2020.103263 In: Global and Planetary Change. Amsterdam: Elsevier, 2020, č. 192, art. no. 103263 [tlačená forma] [online]. ISSN 0921-8181. ISSN (online) 1872-6364. - SCO, Art. No. 103263

2019 [1/20] / NLD - Szczygiel, Jacek, Mendecki, Maciej, Hercman, Helena, Wróblewski, Wojciech, Glazer, Michał. Relict landslide development as inferred from speleothem deformation, tectonic data, and geoelectrics [elektronický dokument]. DOI 10.1016/j.geomorph.2019.01.017 In: Geomorphology: an international journal on pure and applied geomorphology. Amsterdam: Elsevier, 2019, Roč. 330, s. 116-128 [tlačená forma] [online]. ISSN 0169-555X. ISSN (online) 1872-695X. - SCO, 116 - 128

2020 [1/20] / USA - Buczek, Krzysztof, Górnik, Marek. Evaluation of tectonic activity using morphometric

indices: case study of the Tatra Mts. (Western Carpathians, Poland) [elektronický dokument]. DOI 10.1007/s12665-020-08912-9 In: Environmental Earth Sciences. New York: Springer Nature. Springer International Publishing AG, 2020, Roč. 79, č. 8, art. no. 176 [tlačená forma] [online]. ISSN 1866-6280. ISSN (online) 1866-6299. - SCO, art. no. 176

2024 [1/20] / SVK - Plašienka, Dušan, Bielik, Miroslav. The Kolárovo gravity and magnetic anomaly body in a subcrop of the Danube Basin [elektronický dokument]: A new geological interpretation. DOI 10.31577/GeolCarp.2024.03 In: Geologica Carpathica: international geological journal. Bratislava: Slovenská akadémia vied. Pracoviská SAV. Ústav vied o zemi, 2024, Roč. 75, č. 1, s. 49-59 [tlačená forma] [online]. ISSN 1335-0552. ISSN (online) 1336-8052. - SCO ; WOS CC ; CCC, 49 - 59

2024 [1/20] / NLD - Szczygieł, Jacek, Gradziński, Michał, Grasemann, Bernhard, Hercman, Helena, Wróblewski, Wojciech, Bella, Pavel, Littva, Juraj, Sala, Przemysław. Tectonics or rebound: Pleistocene fault reactivation in the highest mountains of the Carpathians. DOI 10.1016/j.tecto.2023.230171 In: Tectonophysics: The International Journal of Integrated Solid Earth Sciences. Amsterdam: Elsevier, 2024, č. 871, art. no. 230171 [tlačená forma] [online]. ISSN 0040-1951. - SCO ; WOS CC ; CCC ; SCIE, art. no. 230171

Počet výstupov spolu: 52

Štatistika záznamov

Podľa kategórie EPC od roku 2022

Počet všetkých záznamov: 7

V3 - Vedecký výstup publikačnej činnosti z časopisu: 7

Podľa kategórie EPC do roku 2021

Počet všetkých záznamov: 45

AAA - Vedecké monografie vydané v zahraničných vydavateľstvách: 1

AAB - Vedecké monografie vydané v domácich vydavateľstvách: 1

ABB - Štúdie charakteru vedeckej monografie v časopisoch a zborníkoch vydané v domácich vydavateľstvách: 1

ADC - Vedecké práce v zahraničných karentovaných časopisoch: 41

ADD - Vedecké práce v domácich karentovaných časopisoch: 1

Počet ohlasovaných záznamov: 50

Štatistika ohlasov: počet ohlasov: 3264

Štatistika ohlasov s kategóriou podľa Vyhlášky č. 397/2020 Z. z: počet ohlasov: 879

Citácia v publikácii registrovaná v citačných indexoch: počet ohlasov: 879

Štatistika ohlasov s kategóriou podľa Vyhlášky č. 456/2012 Z. z: počet ohlasov: 2385

Citácie v zahraničných publikáciách registrované v citačných indexoch Web of Science a v databáze SCOPUS: počet ohlasov: 2337

Citácie v zahraničných publikáciách neregistrované v citačných indexoch: počet ohlasov: 48

Dátum vytvorenia výstupu

18.10.2024