

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

Zoznam publikačnej činnosti

Doc. RNDr. Jaroslav Jaroš, CSc.

ADC Vedecké práce v zahraničných karentovaných časopisoch

ADC01 Jaroš, Jaroslav 100%: An oscillation test for a class of linear neutral differential equations

In: Journal of Mathematical Analysis and Applications. - Vol. 159, No. 2 (1991), s. 406-417

Ohlasy (1):

[o1] 2003 Berenzansky, L. - Braverman, E.: Oscillation criteria for a linear neutral differential equation. In: Journal of Mathematical Analysis and Applications, Vol. 286, No. 2, 2003, s. 601-617 - SCI ; SCOPUS

ADC02 Jaroš, Jaroslav 50% - Stavroulakis, I. P. : Oscillation tests for delay equations

Lit. 21 zázn.

In: Rocky Mountain Journal of Mathematics. - Vol. 29, No. 1 (1999), s. 197-207

POZNÁMKA: Vyšlo aj ako preprint - Ioannina : University of Ioannina, 1996, 10 s. . - (Mathematics - Technical Report, No. 265)

Ohlasy (15):

[o1] 2001 Zhang, B. G. - Zhou, Y.: The distribution of zeros of solutions of differential equations with a variable delay. In: Journal of Mathematical Analysis and Applications, Vol. 256, No. 1, 2001, s. 216-228 - SCI ; SCOPUS

[o1] 2002 Saker, S. H.: Oscillation of higher order neutral delay differential equations with variable coefficients. In: Dynamic Systems and Applications, Vol. 11, No. 1, 2002, s. 107-125 - SCI

[o1] 2002 Tang, X. H.: Oscillation for first order superlinear delay differential equations. In: Journal of the London Mathematical Society, Vol. 65, No. 1, 2002, s. 115-122 - SCI ; SCOPUS

[o1] 2003 Kubiacyzk, I. - Saker, S. H. - Morchalo, J.: New oscillation criteria for first order nonlinear neutral delay differential equations. In: Applied Mathematics and Computation, Vol. 142, No. 2-3, 2003, s. 225-242 - SCI ; SCOPUS

[o1] 2003 Kubiacyzk, I. - Wan-Tong - Saker, S. H.: Oscillation of higher order delay differential equations with applications to hyperbolic equations. In: Indian Journal of Pure & Applied Mathematics, Vol. 34, No. 8, 2003, s. 1259-1271 - SCI

[o1] 2003 Shen, J. H.: A note on oscillation of delay equations. In: Acta Scientiarum Naturalium Universitatis Normalis Hunanensis, Vol. 26, No. 1, 2003, s. 1-5 - SCOPUS

[o1] 2004 Baštinec, J. - Diblík, J.: Subdominant positive solutions of the discrete equation $\Delta u(k+n) = -p(k)u(k)$. In: Abstract and Applied Analysis, Vol. 2004, No. 6, 2004, s. 461-470 - SCOPUS

[o1] 2004 Li, W. N. - Meng, F. W.: Oscillation criteria for systems of parabolic equations with functional arguments. In: Rocky Mountain Journal of Mathematics, Vol. 34, No. 3, 2004, s. 1031-1046 - SCI ; SCOPUS

[o1] 2004 Shen, J. - Tang, X.: New nonoscillation criteria for delay differential equations. In: Journal of Mathematical Analysis and Applications, Vol. 290, No. 1, 2004, s. 1-9 - SCI ; SCOPUS

[o1] 2004 Wu, H. W. - Xu, Y. T.: The distribution of zeros of solutions of neutral differential equations. In: Applied Mathematics and Computation, Vol. 156, No. 3, 2004, s. 665-677 - SCI ; SCOPUS

[o1] 2004 Zhao, A. - Tang, X. - Yan, J.: Oscillation of first-order delay differential equations. In: ANZIAM Journal, Vol. 45, No. 4, 2004, s. 593-599 - SCI ; SCOPUS

[o1] 2005 Elabbasy, E. M. - Hassan, T. S. - Saker, S. H.: Oscillation criteria for first-order nonlinear neutral delay differential equations. In: Electronic Journal of Differential Equations, Vol. 2005, 2005, s. 1-8 - SCOPUS

[o1] 2005 Zhang, B. - Yan, X. - Liu, X.: Oscillation criteria of certain delay dynamic equations on time scales. In: Journal of Difference Equations and Applications, Vol. 11, No. 10, 2005, s. 933-946 - SCI ; SCOPUS

[o1] 2008 Zhang, Y. - Zhao, A. M.: New oscillation criteria for first order nonlinear neutral delay differential equations. In: Proceedings of the 6th Conference of Biomathematics, Vols. I and II: Advances on Biomathematics. Abingdon : Taylor& Francis, 2008, S. 838-841 - CPCI-S

[o1] 2009 Kong, Q.: Use time scales to study impulsive functional differential equations. In: Dynamics of Continuous, Discrete and Impulsive Systems Series A: Mathematical Analysis, Vol. 16, No. 5, 2009, s. 637-648 - SCOPUS

ADC03 Kusano, Takaši - Jaroš, Jaroslav 33% - Yoshida, Norio : A Picone-type identity and Sturmian comparison and oscillation theorems for a class of half-linear partial differential equations of second order
Lit. 11 zázn.

In: *Nonlinear Analysis-Theory, Methods & Applications*. - Vol. 40, No. 1-8 (2000), s. 381-395

Ohlasy (38):

[o1] 2000 Dosly O.: Chapter 3 Half-linear differential equations. In: *Handbook of Differential Equations: Ordinary Differential Equations*, Vol. 1, 2000, s. 161-357 - SCOPUS

[o2] 2003 Bogнар, G. - Dosly, O.: The application of Picone-type identity for some nonlinear elliptic differential equations. In: *Acta Mathematica Universitatis Comenianae*, Vol. 72, No. 1, 2003, s. 45-57 - SCOPUS

[o1] 2004 Marik, R.: Riccati-type inequality and oscillation criteria for a half-linear PDE with damping. In: *Electronic Journal of Differential Equations*, Vol. 2004, No. 11, 2004, s. 1-17 - SCOPUS

[o1] 2004 Marik, R.: Integral averages and oscillation criteria for half-linear partial differential equation. In: *Applied Mathematics and Computation*, Vol. 150, No. 1, 2004, s. 69-87 - SCI ; SCOPUS

[o1] 2004 Niu, P. - Chen, Y. - Han, Y.: Some Hardy-type inequalities for the generalized Baouendi-Grushin operators. In: *Glasgow Mathematical Journal*, Vol. 46, No. 3, 2004, s. 515-527 - SCI ; SCOPUS

[o1] 2005 Marik, R.: Oscillation of the half-linear PDE in general exterior domains-the variational approach. In: *Nonlinear Analysis, Theory, Methods & Applications*, Vol. 60, No. 3, 2005, s. 485-489 - SCI ; SCOPUS

[o1] 2005 Sugie, J. - Yamaoka, N.: Growth conditions for oscillation of nonlinear differential equations with p-Laplacian. In: *Journal of Mathematical Analysis and Applications*, Vol. 306, No. 1, 2005, s. 18-34 - SCI ; SCOPUS

[o1] 2006 Lee, Y. H. - Sim, I.: Global bifurcation phenomena for singular one-dimensional p-Laplacian. In: *Journal of Differential Equations*, Vol. 229, No. 1, 2006, s. 229-256 - SCI ; SCOPUS

[o1] 2007 Tadie: Sturmian comparison results for quasilinear elliptic equations in R^n . In: *Electronic Journal of Differential Equations*, Vol. 2007, No. 26, 2007, s. 1-8 - SCOPUS

[o1] 2007 Xu, Z.: Oscillation theorems related to averaging technique for damped pde with p-laplacian. In: *Rocky Mountain Journal of Mathematics*, Vol. 37, No. 4, 2007, s. 1363-1378 - SCI

[o1] 2008 Kajikiya, R. - Lee, Y. H. - Sim, I.: One-dimensional p-Laplacian with a strong singular indefinite weight, I. Eigenvalue. In: *Journal of Differential Equations*, Vol. 244, No. 8, 2008, s. 1985-2019 - SCI ; SCOPUS

[o1] 2008 Kim, C. G. - Lee, Y. H.: Existence of multiple positive solutions for p-Laplacian problems with a general indefinite weight. In: *Communications in Contemporary Mathematics*, Vol. 10, No. 3, 2008, s. 337-362 - SCI ; SCOPUS

[o1] 2008 Kim, C. G. - Lee, Y. H. - Sim, I.: Multiplicity results of positive radial solutions for p-Laplacian problems in exterior domains. In: *Boundary Value Problems*, Vol. 2008, 2008, Art. No. 395080 - SCI ; SCOPUS

[o1] 2008 Lee, Y. H. - Sim, I.: Existence results of sign-changing solutions for singular one-dimensional p-Laplacian problems. In: *Nonlinear Analysis, Theory, Methods & Applications*, Vol. 68, No. 5, 2008, s. 1195-1209 - SCI ; SCOPUS

[o1] 2008 Marik, R.: Ordinary differential equations in the oscillation theory of partial half-linear differential equation. In: *Journal of Mathematical Analysis and Applications*, Vol. 338, No. 1, 2008, s. 194-208 - SCI ; SCOPUS

[o1] 2008 Sim, I.: On the existence of nodal solutions for singular one-dimensional phi-Laplacian problem with asymptotic condition. In: *Communications on Pure and Applied Analysis*, Vol. 7, No. 4, 2008, s. 905-923 - SCI ; SCOPUS

[o1] 2008 Xu, Z.: Oscillation criteria for certain damped PDE's with p-Laplacian. In: *Glasgow Mathematical Journal*, Vol. 50, 2008, s. 129-142 - SCI

[o1] 2008 Xu, Z.: Oscillation criteria for damped half-linear PDE via the integral operator. In: *Mathematical and Computer Modelling*, Vol. 48, No. 7-8, 2008, s. 1227-1236 - SCI

[o1] 2009 Kajikiya, R. - Lee, Y. H. - Sim, I.: Bifurcation of sign-changing solutions for one-dimensional p-Laplacian with a strong singular weight; p-sublinear at infinity. In: *Nonlinear Analysis, Theory, Methods & Applications*, Vol. 71, No.3-4, 2009, s. 1235-1249 - SCI ; SCOPUS

[o1] 2009 Kim, C. G.: Existence of positive solutions for singular boundary value problems involving the one-dimensional p-Laplacian. In: *Nonlinear Analysis, Theory, Methods & Applications*, Vol. 70, No. 12, 2009, s. 4259-4267 - SCI ; SCOPUS

[o1] 2009 Tadie: Comparison results for semilinear elliptic equations via Picone-type identities. In: *Electronic Journal of Differential Equations*, Vol. 2009, No. 67, 2009, s. 1-7 - SCOPUS

- [o1] 2009 Tadie: Comparison results for quasilinear elliptic equations via a Picone type identity, Part I: Quasilinear cases. In: *Nonlinear Analysis, Theory, Methods & Applications*, Vol. 71, No. 12, 2009, s. e596-e600 - SCI ; SCOPUS
- [o1] 2009 Xu, Z.: Oscillation and nonoscillation of solutions of pde with p-Laplacian. In: *Taiwanese Journal of Mathematics*, Vol. 13, No. 6b, 2009, s. 2037-2049 - SCI
- [o1] 2010 Kim, C. G.: Existence, multiplicity and non-existence of positive solutions for two-point boundary-value problems with strong singularity. In: *Proceedings of the Royal Society of Edinburgh Section A: Mathematics*, Vol. 140, No. 6, 2010, s. 1187-1196 - SCI ; SCOPUS
- [o1] 2010 Lee, E. K. - Lee, Y. H.: A global multiplicity result for two-point boundary value problems of p-Laplacian systems. In: *Science China Mathematics*, Vol. 53, No. 4, 2010, s. 967-984 - SCI ; SCOPUS
- [o1] 2010 Lee, Y. H. - Sim, I.: Existence of sign-changing solutions for one-dimensional p-Laplacian problems with a singular indefinite weight. In: *Topological Methods in Nonlinear Analysis*, Vol. 36, No. 1, 2010, s. 61-90 - SCI ; SCOPUS
- [o1] 2010 Marik, R.: Conjugacy criteria for half-linear ODE in the theory of PDE with generalized p-Laplacian and mixed powers. In: *Nonlinear Analysis, Theory, Methods & Applications*, Vol. 73, No. 2, 2010, s. 500-509 - SCI ; SCOPUS
- [o1] 2010 Sim, I. - Kajikiya, R. - Lee, Y. H.: On a criterion for discrete or continuous spectrum of p-Laplace eigenvalue problems with singular sign-changing weights. In: *Nonlinear Analysis, Theory, Methods & Applications*, Vol. 72, No. 7-8, 2010, s. 3515-3534 - SCI ; SCOPUS
- [o1] 2010 Simona, F. - Robert, M.: Generalized Picone and Riccati inequalities for half-linear differential operators with arbitrary elliptic matrices. In: *Electronic Journal of Differential Equations*, Vol. 2010, No. 111, 2010, s. 1-13 -SCOPUS
- [o1] 2010 Tadie: Oscillation criteria for semilinear elliptic equations with a damping term in R^n . In: *Electronic Journal of Differential Equations*, Vol. 2010, No. 51, 2010, s. 1-5 - SCOPUS
- [o1] 2010 Xu, Z.: Oscillation of damped PDE with p-Laplacian in unbounded domains. In: *Nonlinear Analysis, Theory, Methods & Applications*, Vol. 72, No. 5, 2010, s. 2277-2289 - SCI ; SCOPUS
- [o1] 2011 Dosly, O. - Fisnarova, S. - Marik, R.: Comparison theorems for Riccati inequalities arising in the theory of PDE's with p-Laplacian. In: *Electronic Journal of Differential Equations*, Vol. 2011, No. 53, 2011, s. 1-9 - SCOPUS
- [o1] 2011 Kajikiya, R. - Lee, Y. H. - Sim, I.: Bifurcation of sign-changing solutions for one-dimensional p-Laplacian with a strong singular weight: p-superlinear at infinity. In: *Nonlinear Analysis, Theory, Methods & Applications*, Vol. 74, No. 17, 2011, s. 5833-5843 - SCI ; SCOPUS
- [o1] 2011 Kim, C. G. - Lee, Y. H.: Existence of multiple positive radial solutions for p-Laplacian problems with an L1-indefinite weight. In: *Taiwanese Journal of Mathematics*, Vol. 15, No. 2, 2011, s. 723-736 - SCI ; SCOPUS
- [o1] 2011 Kim, C. G. - Lee, E. K. - Lee, Y. H.: Existence of the second positive radial solution for a p-Laplacian problem. In: *Journal of Computational and Applied Mathematics*, Vol. 235, No. 13, 2011, s. 3743-3750 - SCI ; SCOPUS
- [o1] 2011 Tadie: Comparison results via Picone-type formulas: Two oscillation criteria. In: *International Journal of Pure and Applied Mathematics*, Vol. 67, No. 1, 2011, s. 107-111 - SCOPUS
- [o1] 2011 Tadie: Quasilinear elliptic equations with a damping term via Picone-Type identities: Oscillatory solutions and uniqueness. In: *International Journal of Pure and Applied Mathematics*, Vol. 67, No. 1, 2011, s. 69-77 - SCOPUS
- [o1] 2011 Tadie: Picone-type identities and inequalities for general quasilinear elliptic equations part I: Oscillation and uniqueness results. In: *International Journal of Pure and Applied Mathematics*, Vol. 69, No. 1, 2011, s. 87-96 - SCOPUS

ADC04 Jaroš, Jaroslav 33% - Kusano, Takaši - Yoshida, Norio : Picone-type inequalities for nonlinear elliptic equations and their applications

Lit. 13 zázn.

In: *Journal of Inequalities & Applications*. - Vol. 6, No. 4 (2001), s. 387-404

Ohlasy (9):

[o1] 2004 Marik, R.: Riccati-type inequality and oscillation criteria for a half-linear PDE with damping. In: *Electronic Journal of Differential Equations*, Vol. 2004, No. 11, 2004, s. 1-17 - SCOPUS

[o1] 2006 De Napoli, P. L. - Pinasco, J. P.: Eigenvalues of the p-Laplacian and disconjugacy criteria. In: *Journal of Inequalities and Applications*, Vol. 2006, 2006, Art. No. 37191 - SCI ; SCOPUS

- [o1] 2007 Dou, J. - Niu, P. - Yuan, Z.: A Hardy inequality with remainder terms in the Heisenberg group and the weighted eigenvalue problem. In: Journal of Inequalities and Applications, Vol. 2007, 2007, Art. No. 32585 - SCI ; SCOPUS
- [o1] 2009 Tadie: Comparison results for semilinear elliptic equations via Picone-type identities. In: Electronic Journal of Differential Equations, Vol. 2009, No. 67, 2009, s. 1-7 - SCOPUS
- [o1] 2009 Tadie: Comparison results for quasilinear elliptic equations via a Picone type identity, Part I: Quasilinear cases. In: Nonlinear Analysis, Theory, Methods & Applications, Vol. 71, No. 12, 2009, s. e596-e600 - SCI ; SCOPUS
- [o1] 2010 Tadie: Oscillation criteria for semilinear elliptic equations with a damping term in R^n . In: Electronic Journal of Differential Equations, Vol. 2010, No. 51, 2010, s. 1-5 - SCOPUS
- [o1] 2010 Xu, Z.: On the oscillation of forced second order mixed-nonlinear elliptic equations. In: Annales Polonici Mathematici, Vol. 98, No. 2, 2010, s. 169-188 - SCI
- [o1] 2011 Tadie: Quasilinear elliptic equations with a damping term via Picone-Type identities: Oscillatory solutions and uniqueness. In: International Journal of Pure and Applied Mathematics, Vol. 67, No. 1, 2011, s. 69-77 - SCOPUS
- [o1] 2011 Tadie: Comparison results via Picone-type formulas: Two oscillation criteria. In: International Journal of Pure and Applied Mathematics, Vol. 67, No. 1, 2011, s. 107-111 - SCOPUS

ADC05 Došlý, Ondřej - Graef, John R. - Jaroš, Jaroslav 33%: Forced oscillation of second order linear and half-linear difference equations

Lit. 9 zázn.

In: Proceedings of the American Mathematical Society. - Vol. 131, No. 9 (2003), s. 2859-2867

Ohlasy (2):

[o1] 2005 Agarwal, R. P. - Bahner, M. - Grace, S. R. - O'Regan, D.: Discrete oscillation theory. In: Contemporary Mathematics and its Applications, Vol. 1, 2005, s. 1-966 - SCOPUS

[o1] 2010 Anderson, D. R. - Zafer, A.: Interval criteria for second-order super-half-linear functional dynamic equations with delay and advance arguments. In: Journal of Difference Equations and Applications, Vol. 16, No. 8, 2010, s. 917-930 -SCI ; SCOPUS

ADC06 Jaroš, Jaroslav 33% - Kusano, Takaši - Tanigawa, Tomoyuki : Nonoscillatory half-linear differential equations and generalized Karamata functions

Lit. 9 zázn.

In: Nonlinear Analysis-Theory, Methods & Applications. - Vol. 64, No. 4 (2006), s. 762-787

Ohlasy (8):

[o1] 2007 Dosly, O. - Uenal, M.: Half-linear differential equations: Linearization technique and its application.

In: Journal of Mathematical Analysis and Applications, Vol. 335, No. 1, 2007, s. 450-460 - SCI ; SCOPUS

[o1] 2008 Dosly, O. - Uenal, M.: Conditionally oscillatory half-linear differential equations. In: Acta Mathematica Hungarica, Vol. 120, No. 1-2, 2007, s. 147-163 - SCI ; SCOPUS

[o1] 2008 Matucci, S. - Rehak, P.: Regularly varying sequences and second order difference equations. In: Journal of Difference Equations and Applications, Vol. 14, No. 1, 2008, s. 17-30 - SCI ; SCOPUS

[o1] 2008 Patikova, Z.: Asymptotic formulas for non-oscillatory solutions of perturbed half-linear Euler equation. In: Nonlinear Analysis, Theory, Methods & Applications, Vol. 69, No. 10, 2008, s. 3281-3290 - SCI ; SCOPUS

[o1] 2008 Sugie, J. - Matsumura, K.: A nonoscillation theorem for half-linear differential equations with periodic coefficients. In: Applied Mathematics and Computation, Vol. 199, No. 2, 2008, s. 447-455 - SCI ; SCOPUS

[o1] 2010 Dosly, O. - Fisnarova, S.: Half-linear oscillation criteria: Perturbation in term involving derivative. In: Nonlinear Analysis, Theory, Methods & Applications, Vol. 73, No. 12, 2010, s. 3756-3766 - SCI ; SCOPUS

[o2] 2010 Patikova, Z.: Asymptotic formulas for nonoscillatory solutions of conditionally oscillatory half-linear equations. In: Mathematica Slovaca, Vol. 60, No. 2, 2010, s. 223-236 - SCI ; SCOPUS

[o1] 2011 Dosly, O. - Reznickova, J.: An asymptotic formula for solutions of nonoscillatory half-linear differential equations. In: Archivum Mathematicum, Vol. 47, No. 1, 2011, s. 69-75 - SCOPUS

ADC07 Jaroš, Jaroslav 33% - Kusano, Takaši - Yoshida, Norio : Picone-type inequalities for nonlinear elliptic equations with first-order terms and their applications

Lit. 13 zázn.

In: Journal of Inequalities & Applications. - Vol. 6, No. 4 (2006), s. 387-404, Art. No. 52378

Ohlasy (3):

[o1] 2007 Zhang, Q.: Oscillatory property of solutions for $p(t)$ -Laplacian equations. In: Journal of Inequalities & Applications, Vol. 2007, 2007, Art. No. 58548 - SCI ; SCOPUS

[o1] 2010 Simona, F. - Robert, M.: Generalized Picone and Riccati inequalities for half-linear differential operators with arbitrary elliptic matrices. In: Electronic Journal of Differential Equations, Vol. 2010, No. 111, 2010, s. 1-13 -SCOPUS

[o1] 2010 Xu, Z.: On the oscillation of forced second order mixed-nonlinear elliptic equations. In: Annales Polonici Mathematici, Vol. 98, No. 2, 2010, s. 169-188 - SCI

ADC08 Jaroš, Jaroslav 100%: The higher-order Picone identity and comparison of half-linear differential equations of even order

Lit. 16 zázn.

In: Nonlinear Analysis-Theory, Methods & Applications. - Vol. 74, No. 18 (2011), s. 7513-7518

ADC09 Jaroš, Jaroslav 100%: On an integral inequality of the Wirtinger type

Lit. 5 zázn.

In: Applied Mathematics Letters. - Vol. 24, No. 8 (2011), s. 1389-1392

ADE Vedecké práce v zahraničných nekarentovaných časopisoch

ADE01 Jaroš, Jaroslav 100%: On oscillation of solutions of higher order Volterra integro-differential equations with deviating arguments

Lit. 4 zázn.

In: Demonstratio Mathematica. - Vol. 18, No. 3 (1985), s. 705-711

ADE02 Jaroš, Jaroslav 100%: Oscillation criteria for functional differential inequalities with strongly bounded forcing term

Lit. 17 zázn.

In: Hiroshima Mathematical Journal. - Vol. 16, No. 3 (1986), s. 639-649

ADE03 Jaroš, Jaroslav 100%: Maintenance of oscillations under the effect of a strongly bounded forcing term

Lit. 17 zázn.

In: Hiroshima Mathematical Journal. - Vol. 17, No. 2 (1987), s. 405-413

ADE04 Jaroš, Jaroslav 50% - Kusano, Takaši : Oscillation theory of higher linear functional differential equations of neutral type

In: Hiroshima Mathematical Journal. - Vol. 18, No. 3 (1988), s. 509-531

Ohlasy (18):

[o3] 1990 Naito, Y.: Nonoscillatory solutions of neutral differential equations. In: Hiroshima Mathematical Journal, Vol. 20, No. 2, 1990, s. 231-258

[o4] 1992 Ivanov, A. F. - Marušiak, P.: Asymptotic properties of solutions of functional differential systems. In: Mathematica Bohemica, Vol. 117, No. 2, 1992, s. 207-216

[o2] 1992 Marušiak, P.: On unbounded nonoscillatory solutions of systems of neutral differential-equations. In: Czechoslovak Mathematical Journal, Vol. 42(117), No. 1, 1992, s. 117-128 - SCI

[o3] 1992 Naito, Y.: Asymptotic behavior of decaying nonoscillatory solutions of neutral. In: Funkcialaj Ekvacioj, Vol. 35, 1992, s. 95-110

[o1] 1993 Graef, J. R. - Spikes, P. W. - Grammatikopoulos, M. K.: Asymptotic-behavior of nonoscillatory solutions of neutral delay-differential equations of arbitrary order. In: Nonlinear Analysis-Theory Methods & Applications, Vol. 21, No. 1, 1993, s. 23-42 - SCI

[o1] 1993 Marušiak, P.: Oscillatory properties of functional-differential systems of neutral type. In: Czechoslovak Mathematical Journal, Vol. 43(118), No. 4, 1993, s. 649-662 - SCI

[o1] 1994 Naito, Y.: Existence and asymptotic-behavior of positive solutions of neutral differential-equations. In: Journal of Mathematical Analysis and Applications, Vol. 188, No. 1, 1994, s. 227-244 - SCI

[o1] 1995 Grace, S. R.: Oscillation theorems of comparison type for neutral nonlinear functional differential equations. In: Czechoslovak Mathematical Journal, Vol. 45, No. 4, 1995, s. 609-626 - SCI ; SCOPUS

- [o1] 1998 Kiguradze, I. T. - Stavroulakis, I. P.: The existence of proper oscillating solutions of advancing differential equations. In: *Differential Equations*, Vol. 34, No. 6, 1998, s. 748-754 - SCI ; SCOPUS
- [o1] 1998 Naito, M.: An asymptotic theorem for a class of nonlinear neutral differential equations. In: *Czechoslovak Mathematical Journal*, Vol. 48, No. 3, 1998, s. 419-432 - SCI ; SCOPUS
- [o1] 2000 Kulcsar, S.: On the asymptotic behavior of solutions of the second order neutral differential equations. In: *Publicationes Mathematicae*, Vol. 57, No. 1-2, 2000, s. 153-161 - SCI ; SCOPUS
- [o1] 2000 Li, W. T. - Fei, X. L.: Classifications and existence of positive solutions of higher-order nonlinear delay differential equations. In: *Nonlinear Analysis, Theory, Methods & Applications*, Vol. 41, No. 3, 2000, s. 433-445 - SCI ; SCOPUS
- [o1] 2000 Tanaka, S.: Existence of positive solutions of higher order nonlinear neutral differential equations. In: *Rocky Mountain Journal of Mathematics*, Vol. 30, No. 3, 2000, s. 1139-1149 - SCI ; SCOPUS
- [o1] 2000 Tanaka, S.: A necessary and sufficient condition for the oscillation in a class of even order neutral differential equations. In: *Electronic Journal of Qualitative Theory of Differential Equations*, 2000, s. 1-27 - SCOPUS
- [o1] 2001 Litsyn, E. - Stavroulakis, I. P.: On the oscillation of solutions of higher order Emden-Fowler state dependent advanced differential equations. In: *Nonlinear Analysis, Theory, Methods & Applications*, Vol. 47, No. 6, 2001, s.3877-3883 - SCI ; SCOPUS
- [o1] 2001 Tanaka, S.: Existence of positive solutions for a class of higher order neutral functional differential equations. In: *Czechoslovak Mathematical Journal*, Vol. 51, No. 3, 2001, s. 573-583 - SCI ; SCOPUS
- [o1] 2002 Tanaka, S.: A oscillation theorem for a class of even order neutral differential equations. In: *Journal of Mathematical Analysis and Applications*, Vol. 273, No. 1, 2002, s. 172-189 - SCI ; SCOPUS
- [o1] 2006 Tanaka, S.: Existence and asymptotic behavior of solutions of nonlinear neutral differential equations. In: *Mathematical and Computer Modelling*, Vol. 43, No. 5-6, 2006, s. 536-562 - SCI ; SCOPUS

- ADE05 Jaroš, Jaroslav 50% - Kusano, Takaši : Sufficient conditions for oscillations in higher order linear functional differential equations of neutral type
In: *Japanese Journal of Mathematics - New Series*. - Vol. 15, No. 2 (1989), s. 415-432
Ohlasy (14):
- [o1] 1992 Grace, S. R. - Lalli, B. S.: Oscillation theorems for 2nd-order neutral functional-differential equations. In: *Applied Mathematics and Computation*, Vol. 51, No. 2-3, 1992, s. 119-133 - SCI
- [o1] 1993 Graef, J. R. - Spikes, P. W.: Some asymptotic properties of solutions of a neutral delay equation with an oscillatory coefficient. In: *Canadian Mathematical Bulletin-Bulletin Canadien de Mathematiques*, Vol. 36, No. 3, 1993, s.263-272 - SCI
- [o1] 1993 Graef, J. R. - Spikes, P. W. - Grammatikopoulos, M. K.: Asymptotic-behavior of nonoscillatory solutions of neutral delay-differential equations of arbitrary order. In: *Nonlinear Analysis-Theory Methods & Applications*, Vol. 21, No. 1,1993, s. 23-42 - SCI
- [o1] 1993 Marušiak, P.: Oscillatory properties of functional-differential systems of neutral type. In: *Czechoslovak Mathematical Journal*, Vol. 43(118), No. 4, 1993, s. 649-662 - SCI
- [o1] 1993 Philos, C. G. - Purnaras, I. K. - Sficas, Y. G.: Oscillations in higher-order neutral differential-equations. In: *Canadian Mathematical Bulletin-Bulletin Canadien de Mathematiques*, Vol. 45, No. 1, 1993, s. 132-158 - SCI
- [o1] 1994 Bilchev, S. J. - Grammatikopoulos, M. K. - Stavroulakis, I. P.: Oscillation criteria in higher-order neutral equations. In: *Journal of Mathematical Analysis and its Applications*, Vol. 183, No. 1, 1994, s. 1-24 - SCI
- [o1] 1994 Grace, S. R.: Oscillation criteria for NTH order neutral functional-differential equations. In: *Journal of Mathematical Analysis and its Applications*, Vol. 184, No. 1, 1994, s. 44-45 - SCI
- [o1] 1995 Bainov, D. - Petrov, V.: Asymptotic properties of the nonoscillatory solutions of 2nd-order neutral equations with a deviating argument. In: *Journal of Mathematical Analysis and Applications*, Vol. 194, No. 2, 1995, s. 343-351 - SCI
- [o1] 1995 Bainov, D. - Petrov, V.: Asymptotic properties of the nonoscillatory solutions of 2nd-order neutral equations with a deviating argument. In: *Journal of Mathematical Analysis and Applications*, Vol. 190, No. 3, 1995, s. 645-653 - SCI
- [o1] 1995 Grace, S. R.: Oscillation theorems of comparison type for neutral nonlinear functional differential equations. In: *Czechoslovak Mathematical Journal*, Vol. 45, No. 4, 1995, s. 609-626 - SCI ; SCOPUS
- [o1] 1995 Grace, S. R.: On the oscillations of mixed neutral equations. In: *Journal of Mathematical Analysis and Applications*, Vol. 194, No. 2, 1995, s. 377-388 - SCI

- [o1] 1997 Marušiak, P.: Asymptotic properties of nonoscillatory solutions of neutral delay differential equations of n -TH order. In: Czechoslovak Mathematical Journal, Vol. 47, No. 2, 1997, s. 327-336 - SCI ; SCOPUS
- [o1] 2000 Yan, J.: Oscillations of higher order neutral differential equations of mixed type. In: Israel Journal of Mathematics, Vol. 115, 2000, s. 125-136 - SCOPUS
- [o1] 2002 Dzurina, J.: On unstable neutral differential equations of the second order. In: Czechoslovak Mathematical Journal, Vol. 52, No. 4, 2002, s. 739-747 - SCI ; SCOPUS

ADE06 Jaroš, Jaroslav 50% - Kusano, Takaši : Asymptotic behavior of nonoscillatory solutions of nonlinear functional differential equations of neutral type

In: Funkcialaj Ekvacioj : Serio Internacia. - Vol. 32, No. 2 (1989), s. 251-263

Ohlasy (18):

- [o3] 1990 Naito, Y.: Nonoscillatory solutions of neutral differential equations. In: Hiroshima Mathematical Journal, Vol. 20, 1990, s. 231-258
- [o3] 1991 Bainov, D. D. - Mishev, D. P.: Oscillation Theory for Neutral Differential Equations. Bristol : Adam Hilger, 1991, S. 100
- [o3] 1992 Marušiak, P.: Nonoscillatory solutions of systems of neutral differential equations. In: Hiroshima Mathematical Journal, Vol. 22, No. 3, 1992, s. 543-549
- [o2] 1992 Marušiak, P.: On unbounded nonoscillatory solutions of systems of neutral differential-equations. In: Czechoslovak Mathematical Journal, Vol. 42(117), No. 1, 1992, s. 117-128 - SCI
- [o4] 1992 Marušiak, P.: Asymptotic behavior of nonoscillatory solutions of nonlinear differential systems with deviating arguments. In: Práce a štúdie VŠDS - Séria matematika, fyzika, Zv. 9. Žilina : VŠDS, 1992, S. 93-103
- [o3] 1992 Naito, Y.: Asymptotic behavior of decaying nonoscillatory solutions of neutral type. In: Funkcialaj Ekvacioj, Vol. 35, 1992, s. 95-110
- [o1] 1993 Graef, J. R. - Spikes, P. W. - Grammatikopoulos, M. K.: Asymptotic-behavior of nonoscillatory solutions of neutral delay-differential equations of arbitrary order. In: Nonlinear Analysis-Theory Methods & Applications, Vol. 21, No. 1, 1993, s. 23-42 - SCI
- [o1] 1993 Graef, J. R. - Spikes, P. W.: Some asymptotic properties of solutions of a neutral delay equation with an oscillatory coefficient. In: Canadian Mathematical Bulletin-Bulletin Canadien de Mathematiques, Vol. 36, No. 3, 1993, s.263-272 - SCI
- [o1] 1994 Graef, J. R. - Spikes, P. W.: Asymptotic and oscillatory behavior of solutions of nonlinear neutral delay equations of arbitrary order. In: Applied Mathematics and Computation, Vol. 65, No. 1-3, 1994, s. 209-221 - SCI ; SCOPUS
- [o1] 1994 Naito, Y.: Existence and asymptotic-behavior of positive solutions of neutral differential-equations. In: Journal of Mathematical Analysis and Applications, Vol. 188, No. 1, 1994, s. 227-244 - SCI
- [o1] 1995 Grace, S. R.: Oscillation criteria of comparison type for nonlinear functional-differential equations. In: Mathematische Nachrichten, Vol. 173, 1995, s. 177-192 - SCI
- [o1] 1998 Naito, M.: An asymptotic theorem for a class of nonlinear neutral differential equations. In: Czechoslovak Mathematical Journal, Vol. 48, No. 3, 1998, s. 419-432 - SCI ; SCOPUS
- [o1] 2000 Li, W. T. - Fei, X. L.: Classifications and existence of positive solutions of higher-order nonlinear delay differential equations. In: Nonlinear Analysis, Theory, Methods & Applications, Vol. 41, No. 3, 2000, s. 433-445 - SCI ; SCOPUS
- [o1] 2000 Tanaka, S.: Existence of positive solutions of higher order nonlinear neutral differential equations. In: Rocky Mountain Journal of Mathematics, Vol. 30, No. 3, 2000, s. 1139-1149 - SCI ; SCOPUS
- [o1] 2000 Tanaka, S.: A necessary and sufficient condition for the oscillation in a class of even order neutral differential equations. In: Electronic Journal of Qualitative Theory of Differential Equations, 2000, s. 1-27 - SCOPUS
- [o1] 2001 Tanaka, S.: Existence of positive solutions for a class of higher order neutral functional differential equations. In: Czechoslovak Mathematical Journal, Vol. 51, No. 3, 2001, s. 573-583 - SCI ; SCOPUS
- [o1] 2002 Tanaka, S.: A oscillation theorem for a class of even order neutral differential equations. In: Journal of Mathematical Analysis and Applications, Vol. 273, No. 1, 2002, s. 172-189 - SCI ; SCOPUS
- [o1] 2006 Tanaka, S.: Existence and asymptotic behavior of solutions of nonlinear neutral differential equations. In: Mathematical and Computer Modelling, Vol. 43, No. 5-6, 2006, s. 536-562 - SCI ; SCOPUS

ADE07 Jaroš, Jaroslav 50% - Kusano, Takaši : On oscillation of linear neutral differential equations of higher order

In: Hiroshima Mathematical Journal. - Vol. 20, No. 2 (1990), s. 407-419

Ohlasy (2):

- [o1] 1998 Naito, M.: An asymptotic theorem for a class of nonlinear neutral differential equations. In: Czechoslovak Mathematical Journal, Vol. 48, No. 3, 1998, s. 419-432 - SCI ; SCOPUS
- [o2] 2007 Dorociakova, B.: Some nonoscillatory properties of third order differential equation of neutral. In: Tatra Mountains Mathematical Publications, Vol. 38, 2007, s. 71-76 - SCI

ADE08 Jaroš, Jaroslav 50% - Kusano, Takaši : Oscillation properties of first order nonlinear functional differential equations of neutral type

In: Differential and Integral Equations. - Vol. 4, No. 2 (1991), s. 425-436

Ohlasy (16):

- [o1] 2001 Parhi, N. - Rath, R. N.: On oscillation and asymptotic behaviour of solutions of forced first order neutral differential equations. In: Proceedings of the Indian Academy of Sciences-Mathematical Sciences, Vol. 111, No. 3, 2001, s.337-350 - SCI
- [o1] 1992 Graef, J. R. - Spikes P. W.: On the oscillation of an nth-order nonlinear neutral delay differential-equation. In: Journal of Computational and Applied Mathematics, Vol. 41, No. 1-2, 1992, s. 35-40 - SCI
- [o1] 1993 Graef, J. R. - Spikes P. W. - Grammatikopoulos M. K.: Asymptotic-behavior of nonoscillatory solutions of neutral delay-differential equations of arbitrary order. In: Nonlinear Analysis-Theory Methods & Applications, Vol. 21, No. 1,1993, s. 23-42 - SCI
- [o1] 1994 Grace, S. R. - Lalli, B. S.: Oscillation criteria for forced neutral differential-equations. In: Czechoslovak Mathematical Journal, Vol. 44, No. 4, 1994, s. 713-724 - SCI
- [o1] 1994 Grace, S. R. - Lalli, B. S.: Oscillation theorems for forced neutral difference-equations. In: Journal of Mathematical Analysis and Applications, Vol. 187, No. 1, 1994, s. 91-106 - SCI
- [o1] 1994 Graef, J. R. - Spikes P. W.: Asymptotic and oscillatory behavior of solutions of nonlinear neutral delay equations of arbitrary order. In: Applied Mathematics and Computation, Vol. 65, No. 1-3, 1994, s. 209-221 - CPCI-S
- [o1] 1994 Lalli, B. S.: Oscillation theorems for neutral difference-equations. In: Computers & Mathematics with Applications, Vol. 28, No. 1-3, 1994, s. 191-202 - SCI
- [o1] 1995 Grace, S. R.: Oscillation criteria of comparison type for nonlinear functional-differential equations. In: Mathematische Nachrichten, Vol. 173, 1995, s. 177-192 - SCI
- [o1] 1995 Parhi, N. - Mohanty, P. K.: Oscillation of solutions of forced neutral differential equations of n-th order. In: Czechoslovak Mathematical Journal, Vol. 45, No. 3, 1995, s. 413-433 - SCI ; SCOPUS
- [o1] 1999 Agarwal, R. P. - Grace, S. R.: Oscillation of higher-order differential equations with deviating arguments. In: Computers and Mathematics with Applications, Vol. 38, No. 3, 1999, s. 185-199 - SCOPUS
- [o1] 1999 Muller, A. - Lauven, M. - Berkels, R. - Dhein, S. - Polder, H. R. - Klaus, W.: Switched single-electrode voltage-clamp amplifiers allow precise measurement of gap junction conductance. In: American Journal of Physiology-CellPhysiology, Vol. 276, No. 4, 1999, s. C980-C987 - SCI
- [o1] 1999 Tanaka, S.: Existence of positive solutions for a class of first-order neutral functional differential equations. In: Journal of Mathematical Analysis and Applications, Vol. 229, No. 2, 1999, s. 501-518 - SCI ; SCOPUS
- [o1] 2001 Agarwal, R. P. - Grace, S. R. - O'Regan, D.: Oscillation criteria for certain nth order differential equations with deviating arguments. In: Journal of Mathematical Analysis and Applications, Vol. 262, No. 2, 2001, s. 601-622 -SCOPUS
- [o1] 2001 Parhi, N. - Rath, R. N.: On oscillation and asymptotic behaviour of solutions of forced first order neutral differential equations. In: Proceedings of the Indian Academy of Sciences: Mathematical Sciences, Vol. 111, No. 3, 200, s.337-350 - SCOPUS
- [o1] 2006 Tanaka, S.: Existence and asymptotic behavior of solutions of nonlinear neutral differential equations. In: Mathematical and Computer Modelling, Vol. 43, No. 5-6, 2006, s. 536-562 - SCI ; SCOPUS
- [o1] 2010 Chen, D.-X.: Oscillation and asymptotic behavior for nth-order nonlinear neutral delay dynamic equations on time scales. In: Acta Applicandae Mathematicae, Vol. 109, No. 3, 2010, s. 703-719 - SCOPUS

ADE09 Jaroš, Jaroslav 100%: On characterization of oscillations in first-order linear neutral differential equations
In: Funkcialaj Ekvacioj : Serio Internacia. - Vol. 34, No. 2 (1991), s. 331-342

Ohlasy (1):

- [o4] 1993 Wu, Y.: Oscillation of Volterra integral equations and forced functional differential equations. In: Acta Mathematica Universitatis Comenianae-New Series, Vol. 62, No. 1, 1993, s. 87-107

ADE10 Jaroš, Jaroslav 33% - Kitamura, Yuichi - Kusano, Takaši : On a class of functional differential equations of neutral type

In: Recent Trends in Differential Equations. - Singapore : World Scientific Publishing, 1992. - S.317-333. - ISBN 981-02-0963-0. - (World Scientific Series in Applicable Analysis ; No. 1)

Ohlasy (1):

[o1] 1998 Naito, M.: An asymptotic theorem for a class of nonlinear neutral differential equations. In: Czechoslovak Mathematical Journal, Vol. 48, No. 3, 1998, s. 419-432 - SCI

ADE11 Jaroš, Jaroslav 50% - Stavroulakis, I. P. : Necessary and sufficient conditions for oscillations of difference equations with several delays

Lit. 10 zázn.

In: Utilitas Mathematica. - Vol. 45 (1994), s. 187-195

Ohlasy (9):

[o1] 1998 Cheng, S. S. - Lin, Y. Z.: Complete characterizations of an oscillatory neutral difference equation. In: Journal of Mathematical Analysis and Applications, Vol. 221, No. 1, 1998, s. 73-91 - SCI ; SCOPUS

[o1] 1998 Philos, C. G.: On the existence of positive solutions for certain difference equations and inequalities. In: Journal of Inequalities and Applications, Vol. 2, No. 1, 1998, s. 57-69 - SCI

[o1] 1999 Lin, Y. Z. - Cheng, S. S.: Explicit necessary and sufficient conditions for oscillations of two difference equations. In: New Development in Difference Equations and Applications. Amsterdam : Gordon and Breach Science Publ., 1999, S.271-280 - SCI

[o1] 1999 Zhang, B. G. - Zhou, Y.: The semicycles of solutions of delay difference equations. In: Computers and Mathematics with Applications, Vol. 38, No. 7, 1999, s. 31-38 - SCI ; SCOPUS

[o1] 2001 Yang, J. - Guan, X. - Liu, S.: Nonexistence of positive solution of a class of nonlinear difference equation. In: Applied Mathematics and Computation, Vol. 119, No. 2-3, 2001, s. 187-195 - SCI ; SCOPUS

[o1] 2001 Zhang, B. G. - Zhou, Y.: Semicycles of solutions of nonlinear difference equations with several delays. In: Computers and Mathematics with Applications, Vol. 42, No. 3-5, 2001, s. 413-418 - SCI ; SCOPUS

[o1] 2004 Philos, Ch. G. - Purnaras, I. K.: The behavior of solutions of linear Volterra difference equations with infinite delay. In: Computers and Mathematics with Applications, Vol. 47, No. 10-11, 2001, s. 1555-1563 - SCI ; SCOPUS

[o1] 2006 Philos, Ch. G. - Purnaras, I. K.: On linear Volterra difference equations with infinite delay. In: Advances in Difference Equations, 2006, Art. No. 78470 - SCI ; SCOPUS

[o1] 2010 Bereketoğlu, H. - Huseynov, A.: Convergence of solutions of nonhomogeneous linear difference systems with delays. In: Acta Applicandae Mathematicae, Vol. 110, No. 1, 2010, s. 259-269 - SCI ; SCOPUS

ADE12 Jaroš, Jaroslav 34% - Kusano, Takaši - Marušiak, Pavol : Oscillation and nonoscillation theorems for second order quasilinear functional differential equations of neutral type

Lit. 21 zázn.

In: Advances in Mathematical Sciences and Applications. - Vol. 9, No. 1 (1999), s. 333-346

Ohlasy (3):

[o1] 2001 Thandapani, E. - Savitri, R.: Oscillation and nonoscillation of fourth order nonlinear neutral differential equations. In: Indian Journal of Pure and Applied Mathematics, Vol. 32, No. 11, 2001, s. 1631-1642 - SCI ; SCOPUS

[o1] 2004 Thandapani, E. - Arockiasamy, I. M.: Oscillation and nonoscillation theorems for fourth order neutral difference equations. In: Communications in Applied Analysis, Vol. 8, No. 2, 2004, s. 279-291 - SCOPUS

[o1] 2005 Elizabeth, S. - Graef, J. R. - Sundaram, P. - Thandapani, E.: Classifying non-oscillatory solutions and oscillation of a neutral difference equation. In: Journal of Difference Equations and Applications, Vol. 11, No. 7, 2005, s.605-618 - SCI ; SCOPUS

ADE13 Jaroš, Jaroslav 50% - Kusano, Takaši : On a class of doubly singular differential equations of second order

Lit. 3 zázn.

In: Fukuoka University Science Report. - Vol. 29, No. 1 (1999), s. 7-12

ADE14 Jaroš, Jaroslav 50% - Kusano, Takaši : On black hole solutions of second order differential equations with a singular nonlinearity in the differential operator

Lit. 15 zázn.

In: Funkcialaj Ekvacioj : Serio Internacia. - Vol. 43, No. 3 (2000), s. 491-509

Ohlasy (6):

- [o1] 2003 Bartusek, M.: On existence of singular solutions. In: Journal of Mathematical Analysis and Applications, Vol. 280, No. 2, 2003, s. 232-240 - SCI ; SCOPUS
- [o1] 2006 Bartusek, M.: On the existence of unbounded noncontinuable solutions. In: Annali di Matematica Pura ed Applicata, Vol. 185, Suppl. 5, 2006, s. S93-S107 - SCI ; SCOPUS
- [o1] 2008 Kwong, M. K. - Pasic, M. - Wong, J. S. W.: Rectifiable oscillations in second-order linear differential equations. In: Journal of Differential Equations, Vol. 245, No. 8, 2008, s. 2333-2351 - SCI ; SCOPUS
- [o1] 2009 Bartusek, M.: On noncontinuable solutions of differential equations with delay. In: Electronic Journal of Qualitative Theory of Differential Equations, Spec. Iss. SI, No. 6, 2009, s. 1-16 - SCI
- [o1] 2010 Bartusek, M.: On the existence of bounded noncontinuable solutions. In: Mathematische Nachrichten, Vol. 283, No. 6, 2010, s. 805-817 - SCI ; SCOPUS
- [o1] 2010 Pekarkova, E.: Estimations of noncontinuable solutions of second order differential equations with p-Laplacian. In: Archivum Mathematicum, Vol. 46, No. 2, 2010, s. 135-144 - SCOPUS

ADE15 Jaroš, Jaroslav 34% - Kusano, Takaši - Tanigawa, Tomoyuki : Existence of singular solutions for a class of systems of singular differential equations

Lit. 2 zázn.

In: Fukuoka University Science Report. - Vol. 30, No. 2 (2000), s. 169-177

ADE16 Došlý, Ondřej - Jaroš, Jaroslav 50%: A singular version of Leighton's comparison theorem for forced quasilinear second order differential equations

Lit. 17 zázn.

In: Archivum Mathematicum. - Vol. 39, No. 4 (2003), s. 335-345

ADE17 Jaroš, Jaroslav 33% - Kusano, Takaši - Yoshida, Norio : Oscillatory properties of solutions of superlinear-sublinear parabolic equations via Picone-type inequalities

Lit. 8 zázn.

In: Mathematics Journal of Toyama University. - Vol. 24 (2001), s. 83-91

ADE18 Jaroš, Jaroslav 33% - Kusano, Takaši - Yoshida, Norio : Generalized Picone's formula and forced oscillations in quasilinear differential equations of the second order

Lit. 9 zázn.

In: Archivum Mathematicum. - Vol. 38, No. 1 (2002), s. 53-59

Ohlasy (8):

- [o1] 2000 Došlý O.: Chapter 3 Half-linear differential equations. In: Handbook of Differential Equations: Ordinary Differential Equations, Vol. 1, 2000, s. 161-357 - SCOPUS
- [o1] 2007 Ozbekler, A. - Zafer A.: Forced oscillation of super-half-linear impulsive differential equations. In: Computers and Mathematics with Applications, Vol. 54, No. 6, 2007, s. 785-792 - SCI ; SCOPUS
- [o1] 2007 Zheng, Z. - Meng, F.: Oscillation criteria for forced second-order quasi-linear differential equations. In: Mathematical and Computer Modelling, Vol. 45, No. 1-2, 2007, s. 215-220 - SCI ; SCOPUS
- [o1] 2007 Zheng, Z. - Sui, S. C.: Variational oscillation criteria for nonlinear nonhomogeneous differential equations. In: Applied Mathematics E - Notes, Vol. 7, 2007, s. 247-256 - SCOPUS
- [o1] 2009 Ozbekler A. - Zafer A.: Interval criteria for the forced oscillation of super-half-linear differential equations under impulse effects. In: Mathematical and Computer Modelling, Vol. 50, No. 1-2, 2009, s. 59-65 - SCI ; SCOPUS
- [o1] 2009 Tiryaki, A. - Basci, Y.: Interval oscillation criteria for second-order quasi-linear functional differential equations. In: Dynamics of Continuous, Discrete and Impulsive Systems Series A: Mathematical Analysis, Vol. 16, No. 2, 2009, s. 233-252 - SCOPUS
- [o1] 2009 Zheng, Z. - Wang, X. - Han, H.: Oscillation criteria for forced second order differential equations with mixed nonlinearities. In: Applied Mathematics Letters, Vol. 22, No. 7, 2009, s. 1096-1101 - SCI ; SCOPUS
- [o1] 2011 Jing, S.: A new oscillation criterion for forced second-order quasilinear differential equations. In: Discrete Dynamics in Nature and Society, Vol. 2011, 2011, Art. No. 428976 - SCI ; SCOPUS

ADE19 Jaroš, Jaroslav 50% - Kusano, Takaši : On white hole solutions of a class of nonlinear ordinary differential equations of the second order

Lit. 11 zázn.

In: Funkcialaj Ekvacioj : Serio Internacia. - Vol. 45, No. 3 (2002), s. 319-339

ADE20 Jaroš, Jaroslav 50% - Kusano, Takaši : Remarks on the existence of regularly varying solutions for second order linear differential equations

Lit. 5 zázn.

In: Publications de l'Institut Mathématique : Nouvelle Série [Beograd]. - Vol. 72(86) (2002), s. 113-118

Ohlasy (1):

[o1] 2008 Tanigawa, T.: Regularly varying solutions of half-linear functional differential equations with retarded arguments. In: Acta Mathematica Hungarica, Vol. 120, No. 1-2, 2008, s. 53-78 - SCI ; SCOPUS

ADE21 Jaroš, Jaroslav 34% - Kusano, Takaši - Yoshida, Norio : Oscillation properties of solutions of a class of nonlinear parabolic equations

Lit. 8 zázn.

In: Journal of Computational and Applied Mathematics. - Vol. 146, No. 2 (2002), s. 277-284

Ohlasy (1):

[o1] 2010 Simona, F. - Robert, M.: Generalized Picone and Riccati inequalities for half-linear differential operators with arbitrary elliptic matrices. In: Electronic Journal of Differential Equations, Vol. 2010, No. 111, 2010, s. 1-13 -SCOPUS

ADE22 Jaroš, Jaroslav 33% - Kusano, Takaši - Yoshida, Norio : Picone-type inequalities for half-linear elliptic equations and their applications

Lit. 16 zázn.

In: Advances in Mathematical Sciences and Applications. - Vol. 12, No. 2 (2002), s. 709-724

Ohlasy (4):

[o1] 2007 Pinchover, Y. - Tintarev, K.: Ground state alternative for p-Laplacian with potential term. In: Calculus of Variations and Partial Differential Equations, Vol. 28, No. 2, 2007, s. 179-201 - SCI ; SCOPUS

[o1] 2010 Simona, F. - Robert, M.: Generalized Picone and Riccati inequalities for half-linear differential operators with arbitrary elliptic matrices. In: Electronic Journal of Differential Equations, Vol. 2010, No. 111, 2010, s. 1-13 -SCOPUS

[o1] 2010 Xu, Z.: On the oscillation of forced second order mixed-nonlinear elliptic equations. In: Annales Polonici Mathematici, Vol. 98, No. 2, 2010, s. 169-188 - SCI

[o1] 2011 Sahiner Y. - Zafer A.: Annulus criteria for mixed nonlinear elliptic differential equations. In: Mathematical and Computer Modelling, Vol. 53, No. 9-10, 2011, s. 1856-1864 - SCI ; SCOPUS

ADE23 Jaroš, Jaroslav 33% - Kusano, Takaši - Tanigawa, Tomoyuki : Nonoscillation theory for second order half-linear differential equations in the framework of regular variation

Lit. 22 zázn.

In: Results in Mathematics. - Vol. 43 (2003), s. 129-149

Ohlasy (19):

[o1] 2006 Cecchi, M. - Dosla, Z. - Marini, M. - Vrkoč, I.: Integral conditions for nonoscillation of second order nonlinear differential equations. In: Nonlinear Analysis, Theory, Methods & Applications, Vol. 64, No. 6, 2006, s. 1278-1289 -SCI ; SCOPUS

[o1] 2007 Cecchi, M. - Dosla, Z. - Marini, M.: Limit and integral properties of principal solutions for half-linear differential equations. In: Archivum Mathematicum, Vol. 43, No. 1, 2007, s. 75-86 - SCOPUS

[o1] 2007 Cecchi, M. - Dosla, Z. - Marini, M.: On intermediate solutions and the Wronskian for half-linear differential equations. In: Journal of Mathematical Analysis and Applications, Vol. 336, No. 2, 2007, s. 905-918 - SCI ; SCOPUS

[o1] 2007 Dosly, O. - Uenal, M.: Half-linear differential equations: Linearization technique and its application.

In: Journal of Mathematical Analysis and Applications, Vol. 335, No. 1, 2007, s. 450-460 - SCI ; SCOPUS

[o1] 2008 Dosly, O. - Uenal, M.: Conditionally oscillatory half-linear differential equations. In: Acta Mathematica Hungarica, Vol. 120, No. 1-2, 2008, s. 147-163 - SCI ; SCOPUS

[o1] 2008 Matucci, S. - Rehak, P.: Regularly varying sequences and second order difference equations. In: Journal of Difference Equations and Applications, Vol. 14, No. 1, 2008, s. 17-30 - SCI ; SCOPUS

[o1] 2008 Patikova, Z.: Asymptotic formulas for non-oscillatory solutions of perturbed half-linear Euler equation. In: Nonlinear Analysis, Theory, Methods & Applications, Vol. 69, No. 10, 2008, s. 3281-3290 - SCI ; SCOPUS

- [o1] 2008 Sugie, J.: Nonoscillation criteria for second-order nonlinear differential equations with decaying coefficients. In: *Mathematische Nachrichten*, Vol. 281, No. 11, 2008, s. 1624-1637 - SCI ; SCOPUS
- [o1] 2008 Sugie, J. - Onitsuka, M.: Global asymptotic stability for half-linear differential systems with coefficients of indefinite sign. In: *Archivum Mathematicum*, Vol. 44, No. 4, 2008, s. 317-334 - ; SCOPUS
- [o1] 2009 Dosla, Z. - Cecchi, M. - Marini, M.: Asymptotic problems for differential equations with bounded ϕ -Laplacian. In: *Electronic Journal of Qualitative Theory of Differential Equations*, Vol. 2009, Spec. Issue SI, No. 9, 2009, s. 1-18- SCI
- [o1] 2009 Matucci, S. - Rehak, P.: Rapidly varying decreasing solutions of half-linear difference equations. In: *Mathematical and Computer Modelling*, Vol. 49, No. 7-8, 2009, s. 1692-1699 - SCI ; SCOPUS
- [o1] 2010 Cecchi, M. - Dosla, Z. - Marini, M.: On second-order differential equations with nonhomogeneous ϕ -Laplacian. In: *Boundary Value Problems*, Vol. 2010, 2010, Art. No. 875675 - SCI ; SCOPUS
- [o1] 2010 Matucci, S. - Rehak, P.: Regularly varying solutions of second-order difference equations with arbitrary sign coefficient. In: *Advances in Difference Equations*, Vol. 2010, 2010, Art. No. 673761 - SCI ; SCOPUS
- [o2] 2010 Patikova, Z.: Asymptotic formulas for nonoscillatory solutions of conditionally oscillatory half-linear equations. In: *Mathematica Slovaca*, Vol. 60, No. 2, 2010, s. 223-236 - SCI ; SCOPUS
- [o1] 2010 Rehak, P. - Vitovec, J.: Regular variation on measure chains. In: *Nonlinear Analysis, Theory, Methods & Applications*, Vol. 72, No. 1, 2010, s. 439-448 - SCI ; SCOPUS
- [o1] 2010 Vitovec, J.: Theory of rapid variation on time scales with applications to dynamic equations. In: *Archivum Mathematicum*, Vol. 46, No. 4, 2010, s. 263-284 - SCOPUS
- [o1] 2011 Dosly, O. - Reznickova, J.: An asymptotic formula for solutions of nonoscillatory half-linear differential equations. In: *Archivum Mathematicum*, Vol. 47, No. 1, 2011, s. 69-75 - SCOPUS
- [o1] 2011 Rehak, P.: Asymptotic behavior of solutions to half-linear q -difference equations. In: *Abstract and Applied Analysis*, Vol. 2011, 2011, Art. No. 986343 - SCI ; SCOPUS
- [o1] 2011 Rehak, P. - Vitovec, J.: Q -Karamata functions and second order q -difference equations. In: *Electronic Journal of Qualitative Theory of Differential Equations*, Vol. 2011, No. 24, 2011, s. 1-20 - SCI ; SCOPUS

ADE24 Jaroš, Jaroslav 50% - Kusano, Takaši : Self-adjoint differential equations and generalized Karamata functions
Lit. 11 zázn.
In: *Bulletin de l'Académie serbe des sciences et des arts : Classe des sciences mathématiques et naturelles. Sciences mathématiques.* - Vol. 129, No. 29 (2004), s. 25-60
Ohlasy (1):
[o1] 2010 Matucci, S. - Rehak, P.: Regularly varying solutions of second-order difference equations with arbitrary sign coefficient. In: *Advances in Difference Equations*, Vol. 2010, 2010, Art. No. 673761 - SCI ; SCOPUS

ADE25 Jaroš, Jaroslav 33% - Kusano, Takaši - Marić, Vojislav : Existence of regularly and rapidly varying solutions for a class of third order nonlinear ordinary differential equations
Lit. 13 zázn.
In: *Publications de l'Institut Mathématique : Nouvelle Série [Beograd].* - Vol. 79(93) (2006), s. 51-64

ADE26 Jaroš, Jaroslav 100%: Picone's identity for the p -biharmonic operator with applications [elektronický dokument]
Popis urobený 26.10.2011
Lit. 6 zázn.
In: *Electronic Journal of Differential Equations.* - Vol. 2011, No. 122 (2011), s. 1-6

ADF Vedecké práce v domácích nekarentovaných časopisech

ADF01 Jaroš, Jaroslav 100%: Necessary and sufficient conditions for bounded oscillations of higher order delay differential equations of Euler's type
Lit. 11 zázn.
In: *Czechoslovak Mathematical Journal.* - Vol. 39(114), No. 4 (1989), s. 701-710
Ohlasy (1):
[o1] 1995 Kulenovic, M. R. S.: Oscillation of the euler differential-equation with delay. In: *Czechoslovak Mathematical Journal*, Vol. 45, No. 1, 1995, s. 1-6 - SCI ; SCOPUS

ADF02 Jaroš, Jaroslav 50% - Kusano, Takaši : On a class of first order nonlinear functional differential equations of neutral type

In: Czechoslovak Mathematical Journal. - Vol. 40 (115), No. 3 (1990), s. 475-490

Ohlasy (18):

[o1] 1992 Graef, J. R. - Spikes P. W.: On the oscillation of an n th-order nonlinear neutral delay differential-equation. In: Journal of Computational and Applied Mathematics, Vol. 41, No. 1-2, 1992, s. 35-40 - SCI

[o1] 1993 Graef, J. R. - Spikes P. W. - Grammatikopoulos M. K.: Asymptotic-behavior of nonoscillatory solutions of neutral delay-differential equations of arbitrary order. In: Nonlinear Analysis-Theory Methods & Applications, Vol. 21, No. 1,1993, s. 23-42 - SCI

[o1] 1994 Graef, J. R. - Spikes P. W.: Asymptotic and oscillatory behavior of solutions of nonlinear neutral delay equations of arbitrary order. In: Applied Mathematics and Computation, Vol. 65, No. 1-3, 1994, s. 209-221 - CPCI-S

[o1] 1994 Naito, Y.: Existence and asymptotic-behavior of positive solutions of neutral differential-equations. In: Journal of Mathematical Analysis and Applications, Vol. 188, No. 1, 1994, s. 227-244 - SCI

[o1] 1995 Parhi, N. - Mohanty, P.K.: Maintenance of oscillation of neutral differential-equations under the effect of a forcing term. In: Indian Journal of Pure & Applied Mathematics, Vol. 26, No. 9, 1995, s. 909-919 - SCI

[o1] 1995 Parhi, N. - Mohanty, P. K.: Oscillation of solutions of forced neutral differential equations of n -th order. In: Czechoslovak Mathematical Journal, Vol. 45, No. 3, 1995, s. 413-433 - SCI ; SCOPUS

[o1] 1999 Tanaka, S.: Existence of positive solutions for a class of first-order neutral functional differential equations. In: Journal of Mathematical Analysis and Applications, Vol. 229, No. 2, 1999, s. 501-518 - SCI ; SCOPUS

[o1] 2004 Migda, M. - Migda, J.: A class of first-order nonlinear difference equations of neutral type. In: Mathematical and Computer Modelling, Vol. 40, No. 3-4, 2004, s. 297-306 - SCI ; SCOPUS

[o1] 2004 Wang, P. - Wu, Y.: Asymptotic properties of solutions for first-order neutral differential equations with distributed deviating arguments. In: Applied Mathematics Letters, Vol. 17, No. 8, 2004, s. 933-938 - SCI ; SCOPUS

[o2] 2005 Spanikova, E. - Samajova, H.: Asymptotic properties of solutions to three-dimensional functional differential systems of neutral type. In: APLIMAT 2005 - 4th International Conference, Part II. Bratislava : STU, 2005, S. 147-152 -CPCI-S

[o1] 2005 Spanikova, E.: Asymptotic properties of solutions to three-dimensional functional differential systems of neutral type. In: Electronic Journal of Differential Equations, 2005, s. 1-9 - SCOPUS

[o1] 2006 Tanaka, S.: Existence and asymptotic behavior of solutions of nonlinear neutral differential equations. In: Mathematical and Computer Modelling, Vol. 43, No. 5-6, 2006, s. 536-562 - SCI ; SCOPUS

[o2] 2007 Bacova, B. - Olach, R.: Oscillation of nonlinear delay integro-differential equations. In: Tatra Mountains Mathematical Publications, Vol. 38, 2007, s. 1-10 - CPCI-S

[o2] 2007 Dorociakova, B.: Some nonoscillatory properties of third order differential equation of neutral type. In: Tatra Mountains Mathematical Publications, Vol. 38, 2007, s. 71-76 - CPCI-S

[o2] 2007 Mihalikova, B.: Oscillation properties of two-dimensional neutral differential systems. In: Tatra Mountains Mathematical Publications, Vol. 38, 2007, s. 175-185 - CPCI-S

[o2] 2007 Spanikova, E. - Samajova, H.: A note on the asymptotic properties of neutral differential systems. In: Tatra Mountains Mathematical Publications, Vol. 38, 2007, s. 265-271 - CPCI-S

[o2] 2009 Mihalikova, B. - Kostikova, E.: Boundedness and oscillation of third order neutral differential equations. In: Tatra Mountains Mathematical Publications, Vol. 43, 2009, s. 137-144 - CPCI-S

[o1] 2009 Spanikova E. - Samajova H.: Asymptotic properties of solutions to n -dimensional neutral differential systems. In: Nonlinear Analysis-Theory Methods & Applications, Vol. 71, No. 7-8, 2009, s. 2877-2885 - SCI ; SCOPUS

ADF03 Jaroš, Jaroslav 50% - Kusano, Takaši : Existence of oscillatory solutions for functional differential equations of neutral type

In: Acta Mathematica Universitatis Comenianae-New Series. - Vol. 60, No. 2 (1991), s. 185-194

Ohlasy (4):

[o1] 1998 Naito, M.: An asymptotic theorem for a class of nonlinear neutral differential equations. In: Czechoslovak Mathematical Journal, Vol. 48, No. 3, 1998, s. 419-432 - SCI ; SCOPUS

- [o1] 1998 Zhang, B.: The advancement of oscillation theory of functional differential equations. In: Chinese Science Bulletin, Vol. 43, No. 12, 1998, s. 974-982 - SCI ; SCOPUS
- [o1] 2004 Wang, P. - Wang, M.: Oscillation of a class of higher order neutral differential equations. In: Archivum Mathematicum, Vol. 40, No. 2, 2004, s. 201-208 - SCOPUS
- [o1] 2006 Tanaka, S.: Existence and asymptotic behavior of solutions of nonlinear neutral differential equations. In: Mathematical and Computer Modelling, Vol. 43, No. 5-6, 2006, s. 536-562 - SCI ; SCOPUS

ADF04 Jaroš, Jaroslav 50% - Kusano, Takaši : A Picone type identity for second order half-linear differential equations

Lit. 17 zázn.

In: Acta Mathematica Universitatis Comenianae-New Series. - Vol. 68, No. 1 (1999), s. 137-151

Ohlasy (30):

- [o1] 2000 Dosly, O.: Methods of oscillation theory of half-linear second order differential equation. In: Czechoslovak Mathematical Journal, Vol. 50, No. 3, 2000, s. 657-671 - SCI ; SCOPUS
- [o1] 2000 Dosly, O.: Chapter 3 Half-linear differential equations. In: Handbook of Differential Equations: Ordinary Differential Equations, Vol. 1, 2000, s. 161-357 - SCOPUS
- [o1] 2000 Rehak, P.: Half-linear discrete oscillation theory. In: Electronic Journal of Qualitative Theory of Differential Equations, Vol. 2000, No. 24, 2000, s. 1-14 - SCOPUS
- [o1] 2001 Allegretto, W.: Sturm theorems for degenerate elliptic equations. In: Proceedings of the American Mathematical Society, Vol. 129, No. 10, 2001, s. 3031-3035 - SCI ; SCOPUS
- [o1] 2001 Rehak, P.: Oscillatory properties of second order half-linear difference equations. In: Czechoslovak Mathematical Journal, Vol. 51, No. 2, 2001, s. 303-321 - SCI ; SCOPUS
- [o1] 2002 Elias, U. - Pinkus, A.: Nonlinear eigenvalue problems for a class of ordinary differential equations. In: Royal Society of Edinburgh - Proceedings A, Vol. 132, No. 6, 2002, s. 1333-1359 - SCI ; SCOPUS
- [o1] 2002 Li, W. T. - Cheng, S. S.: An oscillation criterion for nonhomogenous half-linear differential equations. In: Applied Mathematics Letters, Vol. 15, No. 3, 2002, s. 259-263 - SCI ; SCOPUS
- [o2] 2003 Bognar, G. - Dosly, O.: The application of Picone-type identity for some nonlinear elliptic differential equations. In: Acta Mathematica Universitatis Comenianae, Vol. 72, No. 1, 2003, s. 45-57 - SCOPUS
- [o2] 2003 Rostas, K.: Comparison theorems for pseudoconjugate points of half-linear ordinary differential equations of the second order. In: Acta Mathematica Universitatis Comenianae, Vol. 72, No. 2, 2003, s. 223-228 - SCOPUS
- [o1] 2004 Cakmak, D. - Tiryaki, A.: Oscillation criteria for certain forced second-order nonlinear differential equations. In: Applied Mathematics Letters, Vol. 17, No. 3, 2004, s. 275-279 - SCI ; SCOPUS
- [o1] 2005 Dosly, O. - Pena, S.: A linearization method in oscillation theory of half-linear second-order differential equations. In: Journal of Inequalities and Applications, Vol. 2005, No. 5, 2005, s. 535-545 - SCI ; SCOPUS
- [o1] 2006 Dosly, O. - Patikova, Z.: Hille-Wintner type comparison criteria for half-linear second order differential equations. In: Archivum Mathematicum, Vol. 42, No. 2, 2006, s. 185-194 - SCOPUS
- [o1] 2006 Ozbekler, A. - Zafer, A.: Picone's formula for linear non-selfadjoint impulsive differential equations. In: Journal of Mathematical Analysis and Applications, Vol. 319, No. 2, 2006, s. 410-423 - SCOPUS
- [o1] 2006 Zhao, X. - Zhang, H.: Interval oscillation criteria for a general class of second-order nonlinear differential equations with nonlinear damping and forcing term. In: Dynamics of Continuous Discrete and Impulsive Systems-Series A-Mathematical Analysis, Vol. 13, Suppl. S, Part 1, s. 91-95 - CPCI-S
- [o1] 2007 Fangcui, J. - Fanwei, M.: New oscillation criteria for a class of second-order nonlinear forced differential equations. In: Journal of Mathematical Analysis and Applications, Vol. 336, No. 2, 2007, s. 1476-1485 - SCI ; SCOPUS
- [o1] 2007 Kim, R. - Kim, D. I.: Oscillation and nonoscillation theorems for nonlinear differential equations of second order. In: Journal of the Korean Mathematical Society, Vol. 44, No. 6, 2007, s. 1453-1467 - SCI ; SCOPUS
- [o1] 2007 Zheng, Z. - Meng, F.: Oscillation criteria for forced second-order quasi-linear differential equations. In: Mathematical and Computer Modelling, Vol. 45, No. 1-2, 2007, s. 215-220 - SCI ; SCOPUS
- [o1] 2007 Zheng, Z. - Sui, S. C.: Variational oscillation criteria for nonlinear nonhomogeneous differential equations. In: Applied Mathematics E - Notes, Vol. 7, 2007, s. 247-256 - SCOPUS
- [o1] 2008 Kajikiya, R. - Lee, Y. H. - Sim, I.: One-dimensional p-Laplacian with a strong singular indefinite weight, I. Eigenvalue. In: Journal of Differential Equations, Vol. 244, Vol. 8, 2008, s. 1985-2019 - SCI ; SCOPUS

- [o1] 2008 Naito, Y. - Tanaka, S.: Sharp conditions for the existence of sign-changing solutions to equations involving the one-dimensional p -Laplacian. In: *Nonlinear Analysis, Theory, Methods & Applications*, Vol. 69, No. 9, 2008, s. 3070-3083- SCI ; SCOPUS
- [o1] 2008 Xing, L. - Zheng, Z.: New oscillation criteria for forced second order half-linear differential equations with damping. In: *Applied Mathematics and Computation*, Vol. 198, No. 2, 2008, s. 481-486 - SCI ; SCOPUS
- [o1] 2009 Ozbekler, A. - Zafer, A.: Interval criteria for the forced oscillation of super-half-linear differential equations under impulse effects. In: *Mathematical and Computer Modelling*, Vol. 50, No. 1-2, 2009, s. 59-65 - SCI ; SCOPUS
- [o1] 2009 Tiriyaki, A. - Basci, Y.: Interval oscillation criteria for second-order quasi-linear functional differential equations. In: *Dynamics of Continuous, Discrete and Impulsive Systems Series A: Mathematical Analysis*, Vol. 16, No. 2, 2009, s. 233-252 - SCOPUS
- [o1] 2009 Zheng, Z. - Wang, X. - Han, H.: Oscillation criteria for forced second order differential equations with mixed nonlinearities. In: *Applied Mathematics Letters*, Vol. 22, No. 7, 2009, s. 1096-1101 - SCI ; SCOPUS
- [o1] 2010 Anderson, D. R. - Graef, J. R.: Sturm-Picone comparison theorem for matrix systems on time scales. In: *Applicable Analysis and Discrete Mathematics*, Vol. 4, No. 2, 2010, s. 338-346 - SCI ; SCOPUS
- [o1] 2010 Dosly, O. - Fisnarova, S.: Half-linear oscillation criteria: Perturbation in term involving derivative. In: *Nonlinear Analysis, Theory, Methods & Applications*, Vol. 73, No. 12, 2010, s. 3756-3766 - SCI ; SCOPUS
- [o1] 2010 Ozbekler, A. - Zafer, A.: Picone type formula for non-selfadjoint impulsive differential equations with discontinuous solutions. In: *Electronic Journal of Qualitative Theory of Differential Equations*, Vol. 2010, No. 35, 2010, s. 1-12- SCI ; SCOPUS
- [o1] 2010 Sim, I. - Kajikiya, R. - Lee, Y. H.: On a criterion for discrete or continuous spectrum of p -Laplace eigenvalue problems with singular sign-changing weights. In: *Nonlinear Analysis, Theory, Methods & Applications*, Vol. 72, No. 7-8, 2010, s. 3515-3534 - SCI ; SCOPUS
- [o1] 2011 Jing, S.: A new oscillation criterion for forced second-order quasilinear differential equations. In: *Discrete Dynamics in Nature and Society*, Vol. 2011, 2011, Art. No. 428976 - SCI ; SCOPUS
- [o1] 2011 Kajikiya, R. - Lee, Y. H. - Sim, I.: Bifurcation of sign-changing solutions for one-dimensional p -Laplacian with a strong singular weight: p -superlinear at infinity. In: *Nonlinear Analysis, Theory, Methods & Applications*, Vol. 74, No. 17, 2011, s. 5833-5843 - SCI ; SCOPUS

ADF05 Jaroš, Jaroslav 33% - Kusano, Takaši - Yoshida, Norio : Forced superlinear oscillations via Picon's identity
Lit. 12 zázn.

In: *Acta Mathematica Universitatis Comenianae-New Series*. - Vol. 69, No. 1 (2000), s. 107-113

Ohlasy (8):

- [o1] 2004 Li, W. T.: Interval oscillation criteria for second-order quasi-linear nonhomogeneous differential equations with damping. In: *Applied Mathematics and Computation*, Vol. 147, No. 3, 2004, s. 753-763 - SCI ; SCOPUS
- [o1] 2004 Li, W. T.: Interval oscillation of second-order half-linear functional differential equations. In: *Applied Mathematics and Computation*, Vol. 155, No. 2, 2004, s. 451-468 - SCI ; SCOPUS
- [o1] 2005 Li, W. T. - Zhuang, R. K.: Interval oscillation criteria for second order forced nonlinear matrix differential equations. In: *Electronic Journal of Differential Equations*, Vol. 2005, No. 69, 2005, s. 1-6 - SCOPUS
- [o1] 2005 Zhuang, R. K. - Zhu, S. M. - Wang, Q. R.: Sturm comparison theorems for second order neutral nonlinear differential equations. In: *Zhongshan Daxue Xuebao/Acta Scientiarum Natralium Universitatis Sunyatseni*, Vol. 44, No. 1, 2005, s.5-8+12 - SCOPUS
- [o1] 2007 Ozbekler, A. - Zafer, A.: Forced oscillation of super-half-linear impulsive differential equations. In: *Computers and Mathematics with Applications*, Vol. 54, No. 6, 2007, s. 785-792 - SCI ; SCOPUS
- [o1] 2007 Zheng, Z. - Sui, S. C.: Variational oscillation criteria for nonlinear nonhomogeneous differential equations. In: *Applied Mathematics E - Notes*, Vol. 7, 2007, s. 247-256 - SCOPUS
- [o1] 2009 Ozbekler, A. - Zafer, A.: Interval criteria for the forced oscillation of super-half-linear differential equations under impulse effects. In: *Mathematical and Computer Modelling*, Vol. 50, No. 1-2, 2009, s. 59-65 - SCI ; SCOPUS
- [o1] 2009 Tiriyaki, A. - Basci, Y.: Interval oscillation criteria for second-order quasi-linear functional differential equations. In: *Dynamics of Continuous, Discrete and Impulsive Systems Series A: Mathematical Analysis*, Vol. 16, No. 2, 2009, s. 233-252 - SCOPUS

ADF06 Jaroš, Jaroslav 100%: Comparison theorems for half-linear differential equations of the fourth order

Lit. 12 zázň.

In: Acta Mathematica Universitatis Comenianae-New Series. - Vol. 80, No. 2 (2011), s. 271-276

AED Vedecké práce v domácích recenzovaných vedeckých zborníkoch, monografiách

AED01 Jaroš, Jaroslav 100%: On oscillation of certain class of solutions of retarded differential inequalities

Lit. 18 zázň.

In: Acta Mathematica Universitatis Comenianae, Vol. 52-53. - Bratislava : Alfa, 1988. - S. 183-193

AED02 Jaroš, Jaroslav 100%: Bounded oscillations of higher-order functional differential inequalities induced by forcing functions

Lit. 14 zázň.

In: Acta Mathematica Universitatis Comenianae, Vol. 52-53. - Bratislava : Alfa, 1988. - S. 297-299

AED03 Jaroš, Jaroslav 100%: Necessary and sufficient conditions for oscillations of first order delay differential equations and inequalities

In: Acta Mathematica Universitatis Comenianae, Vol. 54-55. - Bratislava : Alfa, 1989. - S. 225-235. - ISBN 80-05-00750-7

Ohlasy (1):

[o1] 1995 Kulenovic, M. R. S.: Oscillation of the Euler differential equation with delay. In: Czechoslovak Mathematical Journal, Vol. 45, No. 1, 1995, s. 1-6 - SCI ; SCOPUS

AED04 Jaroš, Jaroslav 100%: An application of change of independent variable in the oscillation theory of differential equations with unbounded delays

In: Acta Mathematica Universitatis Comenianae, Vol. 58-59. - Bratislava : Alfa, 1991. - S. 99-106. - ISBN 80-05-00778-7

Ohlasy (2):

[o1] 2002 Cermak, J.: A change of variables in the asymptotic theory of differential equations with unbounded delays. In: Journal of Computational and Applied Mathematics, Vol. 143, No. 1, 2002, s. 81-93 - SCI ; SCOPUS
[o1] 2003 Cermak, J.: The asymptotic of solutions for a class of delay differential equations. In: Rocky Mountain Journal of Mathematics, Vol. 33, No. 3, 2003, s. 775-786 - SCI ; SCOPUS

AFC Publikované príspevky na zahraničných vedeckých konferenciách

AFC01 Graef, John R. - Jaroš, Jaroslav 25% - Miciano, A. - Spikes, P. W. : Oscillation and nonoscillation results for nonlinear difference equation with a forcing term

In: Proceeding of the First International Conference on Difference Equations. - London : Gordon and Breach, 1995. - S. 213-222

[Difference Equations : International Conference. 1st, San Antonio, 25.-28.5.1994]

AFC02 Graef, John R. - Jaroš, Jaroslav 25% - Miciano, A. - Spikes, P. W. - Thandapani, E. : Oscillation and nonoscillation results for general nonlinear difference equations

In: Proceedings of Dynamic Systems & Applications, Vol. II. - Atlanta : Dynamic Publishers, Inc., 1996. - S. 199-206. - ISBN 0964039818

[Dynamic Systems & Applications : International Conference. 2nd, Atlanta, 24.-27.5.1995]

AFD Publikované príspevky na domácich vedeckých konferenciách

AFD01 Jaroš, Jaroslav 50% - Kusano, Takaši : Nonoscillation theorems for a class of neutral functional differential equations of arbitrary order

In: EQUADIFF 7 : Proceedings of the 7th Czechoslovak Conference on Differential Equations and their Applications. - Leipzig : Teubner, 1990. - S. 84-87. - ISBN 3-322-00769-3. - (Teubner-Texte zur Mathematik ; Band 118)

[EQUADIFF 1989 : Czechoslovak Conference on Differential Equations and their Applications. 7th, Praha, 21.-25.8.1989]

DAI Dizertačné a habilitačné práce

DAI01 Jaroš, Jaroslav 100%: Oscilácia riešení funkcionálnych diferenciálnych nerovnic. - Bratislava : [s.n.], 1985. - 64 s.

Kandidátska dizertačná práca (CSc.) - Univerzita Komenského, Bratislava, 1985
Lit. 45 záz.

DAI02 Jaroš, Jaroslav 100%: Teória oscilácie funkcionálnych diferenciálnych rovníc a nerovnic. - Bratislava : [s.n.], 1990. - 171 s.

Habilitačná práca (Docent; Doc.) - Univerzita Komenského, Bratislava, 1990

Štatistika kategórií (Záznamov spolu: 50):

ADC Vedecké práce v zahraničných karentovaných časopisoch (9)

ADE Vedecké práce v zahraničných nekarentovaných časopisoch (26)

ADF Vedecké práce v domácich nekarentovaných časopisoch (6)

AED Vedecké práce v domácich recenzovaných vedeckých zborníkoch, monografiách (4)

AFC Publikované príspevky na zahraničných vedeckých konferenciách (2)

AFD Publikované príspevky na domácich vedeckých konferenciách (1)

DAI Dizertačné a habilitačné práce (2)

Štatistika ohlasov (262):

[o1] Citácie v zahraničných publikáciách registrované v citačných indexoch (239)

[o2] Citácie v domácich publikáciách registrované v citačných indexoch (14)

[o3] Citácie v zahraničných publikáciách neregistrované v citačných indexoch (6)

[o4] Citácie v domácich publikáciách neregistrované v citačných indexoch (3)

15.11.2011