

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

Zoznam publikačnej činnosti

Mgr. Tibor Macko, PhD.

ADC Vedecké práce v zahraničných karentovaných časopisoch

- ADC01 Macko, Tibor [UKOMFKAG] (100%) : The block structure spaces of real projective spaces and orthogonal calculus of functors
Lit. 27 zázn., 5 obr.
In: Transactions of the American Mathematical Society. - Vol. 359, No. 1 (2007), s. 349-383. - ISSN 0002-9947
Registrované v: wos
Registrované v: scopus
Ohlasy (1):
[o1] 2015 Munson, B. A. - Volić, I.: Cubical Homotopy Theory. Cambridge : Cambridge University Press, 2015, 631 s. - SCOPUS
- ADC02 Grunewald, Joachim (34%) - Klein, John R. (33%) - Macko, Tibor [UKOMFKAG] (33%): Operations on the A-theoretic nil-terms
Lit. 25 zázn.
In: Journal of Topology. - Vol. 1, No. 2 (2008), s. 317-341. - ISSN 1753-8416
Registrované v: wos
Ohlasy (8):
[o1] 2009 Hesselholt, L.: On the Whitehead Spectrum of the Circle. In: Algebraic Topology: The Abel Symposium 2007 : Abel Symposia, Vol. 4. New York : Springer, 2009, S. 131-184 - CPCI-S ; SCOPUS
[o1] 2010 Farrell, F. T. - Ontaneda, P.: On the Topology of the Space of Negatively Curved Metrics. In: Journal of Differential Geometry, Vol. 86, No. 2, 2010, s. 273-301 - SCI ; SCOPUS
[o1] 2010 Farrell, T. - Ontaneda, P.: Teichmüller Spaces and Negatively Curved Fiber Bundles. In: Geometric and Functional Analysis, Vol. 20, No. 6, 2010, s. 1397-1430 - SCI ; SCOPUS
[o1] 2014 Farrell, F. T. - Gogolev, A.: The space of Anosov diffeomorphisms. In: Journal of the London Mathematical Society-Second Series, Vol. 89, 2014, s. 383-396 - SCI ; SCOPUS
[o1] 2016 Bustamante, M.: On the topology of the space of pinched negatively curved metrics with finite volume and identical ends. In: Bulletin of the London Mathematical Society, Vol. 48, 2016, s. 507-518 - SCI ; SCOPUS
[o1] 2016 Lafont, J. F. - Prassidis, S. - Wang, K.: Revisiting Farrell's nonfiniteness of Nil. In: Annals of K-Theory, Vol. 1, No. 2, 2016, s. 209-225 - SCI
[o1] 2018 Enkelmann, N. E. - Lueck, W. - Pieper, M. - Ullmann, M. - Wings, C.: On the Farrell-Jones conjecture for Waldhausen's A-theory. In: Geometry & Topology, Vol. 22, No. 6, 2018, s. 3321-3394 - SCI ; SCOPUS
[o1] 2019 Gunnarsson, T. - Staffeldt, R.: Segal operations in the algebraic K-theory of topological spaces. In: Annals of K-Theory, Vol. 4, No. 1, 2019, s. 1-56 - SCI
- ADC03 Macko, Tibor [UKOMFKAG] (50%) - Wegner, Christian (50%): On fake lens spaces with fundamental group of order a power of 2
Lit. 14 zázn.
In: Algebraic and Geometric Topology. - Vol. 9, No. 3 (2009), s. 1837-1883. - ISSN 1472-2747
URL: <https://arxiv.org/pdf/0805.0965.pdf>
Registrované v: wos
Registrované v: scopus
POZNÁMKA:
Vyšlo aj ako preprint - arXiv: Mathematics > Algebraic Topology [elektronický zdroj]. - No. arXiv:0805.0965 [math.AT] (2008), 34 s.
Ohlasy (3):
[o1] 2010 Thatcher, C. M.: On free $Z(p)$ actions on products of spheres. In: Geometriae Dedicata, Vol. 148, No. 1, 2010, s. 391-415 - SCI

[o1] 2013 Wall, C. T. C.: On the structure of finite groups with periodic cohomology. In: Progress in Mathematics, Vol. 306, 2013, s. 381-413 - SCOPUS
[o3] 2015 Hambleton, I.: Topological Spherical Space Form. In: Handbook of Group Actions, Vol. 2 : Advanced Lectures in Mathematics ; Vol. 32. Somerville : International Press, 2015, S. 167

ADC04 Macko, Tibor [UKOMFKAG] (50%) - Weiss, Michael (50%): The block structure spaces of real projective spaces and orthogonal calculus of functors II

Lit. 14 zázn.

In: Forum Mathematicum. - Vol. 21, No. 6 (2009), s. 1091-1136. - ISSN 0933-7741

Registrované v: vos

Registrované v: scopus

Ohlasy (1):

[o1] 2015 Munson, B. A. - Volić, I.: Cubical Homotopy Theory. Cambridge : Cambridge University Press, 2015, 631 s. - SCOPUS

ADC05 Crowley, Diarmuid (50%) - Macko, Tibor [UKOMFKAG] (50%): The additivity of the rho-invariant and periodicity in topological surgery

Lit. 33 zázn.

In: Algebraic and Geometric Topology. - Vol. 11, No. 4 (2011), s. 1915-1959. - ISSN 1472-2747

Registrované v: vos

Registrované v: scopus

ADC06 Macko, Tibor [UKOMFKAG] (50%) - Wegner, Christian (50%): On the classification of fake lens spaces

Lit. 11 zázn.

In: Forum Mathematicum. - Vol. 23, No. 5 (2011), s. 1053-1091. - ISSN 0933-7741

URL: <https://arxiv.org/pdf/0810.1196.pdf>

Registrované v: vos

Registrované v: scopus

POZNÁMKA:

Vyšlo aj ako preprint - arXiv: Mathematics > Algebraic Topology [elektronický zdroj]. - No. arXiv:0810.1196 [math.AT] (2009), 26 s.

Ohlasy (6):

[o1] 2010 Thatcher, C. M.: On free $Z(p)$ actions on products of spheres. In: Geometriae Dedicata, Vol. 148, No. 1, 2010, s. 391-415 - SCI

[o1] 2013 Wall, C. T. C.: On the structure of finite groups with periodic cohomology. In:

Progress in Mathematics, Vol. 306, 2013, s. 381-413 - SCOPUS

[o3] 2015 Hambleton, I.: Topological Spherical Space Form. In: Handbook of Group Actions,

Vol. 2 : Advanced Lectures in Mathematics ; Vol. 32. Somerville : International Press, 2015, S. 167

[o1] 2015 Kaur, J. - Singh, H. K.: On the existence of free action of S_3 on certain finitistic mod P cohomology spaces. In: Journal of the Indian Mathematical Society, Vol. 82, No. 3-4, 2015, s. 97-106 - SCOPUS

[o1] 2017 Khan, Q.: Free Transformations of $S^{-1} \times S^{-n}$ of Square-free Odd Period. In: Indiana University Mathematics Journal, Vol. 66, No. 5, 2017, s. 1453-1482 - SCI ; SCOPUS

[o1] 2018 Erdal, M. A.: On smooth manifolds with the homotopy type of a homology sphere. In: Topology and Its Applications, Vol. 234, 2018, s. 82-91 - SCI ; SCOPUS

ADC07 Adams-Florou, Spiros (50%) - Macko, Tibor [UKOMFKAG] (50%): L-homology on ball complexes and products

Lit. 15 zázn.

In: Homology, Homotopy and Applications. - Vol. 20, No. 2 (2018), s. 11-40. - ISSN 1532-0073

Registrované v: vos

Registrované v: scopus

ADM Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS

ADM01 Kühn, Philipp (34%) - Macko, Tibor [UKOMFKAG] (33%) - Mole, Adam (33%): The total surgery obstruction revisited

Lit. 27 zázn.

In: Münster Journal of Mathematics. - Vol. 6 (2013), s. 181-269. - ISSN 1867-5778

Registrované v: wos

Ohlasy (3):

[o1] 2017 Crabb, M. - Ranicki, A.: Geometric Hopf Invariant and Surgery Theory : Springer Monographs in Mathematics. New York : Springer, 2017, S. 1-397 - BKCI-S ; SCOPUS

[o1] 2019 Banagl, M. - Laures, G. - McClure, J. E.: The L-homology fundamental class for IP-spaces and the stratified Novikov conjecture. In: Selecta Mathematica-New Series, Vol. 25. No. 1, 2019, Art. No. UNSP 7 - SCI

[o3] 2019 Ferry, S. - Luck, W. - Weinberger, S.: On the stable cannon conjecture. In: Journal of Topology, Vol. 12. No. 3, 2019, s. 798-831

ADM02 Balko, Ľudovít [UKOMFKAG] (25%) - Macko, Tibor [UKOMFKAG] (25%) - Niepel, Martin [UKOMFKAG] (25%) - Rusin, Tomáš [UKOMFKAG] (25%): Higher simple structure sets of lens spaces with the fundamental group of order $2K$

Lit.: 21 zázň.

In: Topology and its Applications. - č. 263 (2019), s. 299-320. - ISSN (print) 0166-8641

Registrované v: scopus

ADM03 Crowley, Diarmuid (50%) - Macko, Tibor [UKOMFKAG] (50%): On the cardinality of the manifold set

Lit.: 29 zázň.

In: Geometriae Dedicata. - Roč. 200, č. 1 (2019), s. 265-285. - ISSN (print) 0046-5755

Registrované v: scopus

Registrované v: wos

Vyšlo aj ako abstrakt:

In: CSASC 2018 : Book of Abstracts. - Bratislava : Jednota slovenských matematikov a fyzikov, 2018. - S. 70. - ISBN 978-80-89829-05-7

[CSASC 2018 : Joint Meetings of the Czech, Slovenian, Austrian, Slovak and Catalan (CSASC) Mathematical Societies. Bratislava, 11.09.2018 - 14.09.2018]]

DAI Dizertačné a habilitačné práce

DAI01 Macko, Tibor [UKOMFKAG] (100%) : The Join Construction for Free Involutions on Spheres. - Aberdeen : [s.n.], 2003. - 56 s.

Doktorandská dizertačná práca (PhD.) - University of Aberdeen, Aberdeen, 2003

GHG Práce zverejnené spôsobom umožňujúcim hromadný prístup

GHG01 Macko, Tibor [UKOMFKAG] (100%) : Fake lens spaces

Popis urobený 31.10.2018

Lit. 14 zázň.

In: Bulletin of the Manifold Atlas [elektronický zdroj]. - Vol. 2013 (2013), s. 1-9 [online]

URL: <http://www.boma.mpim-bonn.mpg.de/data/37print.pdf>

URL: www.map.mpim-bonn.mpg.de/Fake_lens_spacesf

Ohlasy (1):

[o1] 2018 Erdal, M. A.: On smooth manifolds with the homotopy type of a homology sphere. In: Topology and Its Applications, Vol. 234, 2018, s. 82-91 - SCOPUS

Štatistika kategórií (Záznamov spolu: 12):

ADC Vedecké práce v zahraničných karentovaných časopisoch (7)

ADM Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS (3)

DAI Dizertačné a habilitačné práce (1)

GHG Práce zverejnené spôsobom umožňujúcim hromadný prístup (1)

Štatistika ohlasov (23):

[o1] Citácie v zahraničných publikáciách registrované v citačných indexoch (20)

[o3] Citácie v zahraničných publikáciách neregistrované v citačných indexoch (3)

8.8.2019