

Zoznam publikačnej činnosti 2017

Katedra matematiky a deskriptívnej geometrie, SvF STU v BA

ADC Vedecké práce v zahraničných karentovaných časopisoch

- ADC01 AGAHI, Hamzeh - MESIAR, Radko. Probability inequalities for decomposition integrals. In *Journal of Computational and Applied Mathematics*. Vol. 315, (2017), s. 240-248. ISSN 0377-0427 (2017: 1.632 - IF, Q1 - JCR Best Q, 0.938 - SJR, Q2 - SJR Best Q). V databáze: CC: 000392039300018 ; SCOPUS ; DOI: 10.1016/j.cam.2016.11.014.
- ADC02 ARAUJO-PARDO, Gabriela - BALBUENA, Camino - MILLER, Mirka - ŽDÍMALOVÁ, Mária. A family of mixed graphs with large order and diameter 2. In *Discrete Applied Mathematics*. Vol. 2018, (2017), s. 57-63. ISSN 0166-218X (2017: 0.932 - IF, Q3 - JCR Best Q, 0.785 - SJR, Q2 - SJR Best Q). V databáze: CC: 000392162500005 ; SCOPUS ; DOI: 10.1016/j.dam.2016.09.034.
- ADC03 ARIAS-GARCÍA, José De Jesús - MESIAR, Radko - DE BAETS, Bernard. The unwalked path between quasi-copulas and copulas: Stepping stones in higher dimensions. In *International Journal of Approximate Reasoning*. Vol. 80, (2017), s. 89-99. ISSN 0888-613X (2017: 1.766 - IF, Q2 - JCR Best Q, 0.866 - SJR, Q1 - SJR Best Q). V databáze: CC: 000391080100006 ; SCOPUS ; DOI: 10.1016/j.ijar.2016.08.009.
- ADC04 BACZYŃSKI, Michał - GRZEGORZEWSKI, Przemyslaw - MESIAR, Radko - HELBIN, Piotr - NIEMYSKA, Wanda. Fuzzy implications based on semicopulas. In *Fuzzy Sets and Systems*. Vol. 323, (2017), s. 138-151. ISSN 0165-0114 (2017: 2.675 - IF, Q1 - JCR Best Q, 1.138 - SJR, Q1 - SJR Best Q). V databáze: CC: 000404307900008 ; SCOPUS ; DOI: 10.1016/j.fss.2016.09.009.
- ADC05 BODJANOVA, Slavka - KALINA, Martin. Block-wise construction of commutative increasing monoids. In *Fuzzy Sets and Systems*. Vol. 324, (2017), s. 91-99. ISSN 0165-0114 (2017: 2.675 - IF, Q1 - JCR Best Q, 1.138 - SJR, Q1 - SJR Best Q). V databáze: CC: 000408022500008 ; SCOPUS ; DOI: 10.1016/j.fss.2016.10.002.
- ADC06 BONAMY, Marthe - KNOR, Martin - LUŽAR, Borut - PINLOU, Alexandre - ŠKREKOVSKI, Riste. On the difference between the Szeged and the Wiener index. In *Applied Mathematics and Computation*. Vol. 312, (2017), s. 202-213. ISSN 0096-3003 (2017: 2.300 - IF, Q1 - JCR Best Q, 1.065 - SJR, Q1 - SJR Best Q). V databáze: CC: 000404324400015 ; SCOPUS ; DOI: 10.1016/j.amc.2017.05.047.
- ADC07 BUSTINCE, Humberto - BELIAKOV, Gleb - DIMURO, Gracaliz Pereira - BEDREGAL, Benjamín René Callejas - MESIAR, Radko. On the definition of penalty functions in data aggregation. In *Fuzzy Sets and Systems*. Vol. 323, (2017), s. 1-18. ISSN 0165-0114 (2017: 2.675 - IF, Q1 - JCR Best Q, 1.138 - SJR, Q1 - SJR Best Q). V databáze: CC: 000404307900001 ; SCOPUS ; DOI: 10.1016/j.fss.2016.09.011.
- ADC08 DAS, Satyajit - GUHA, Debashree - MESIAR, Radko. Extended Bonferroni Mean Under Intuitionistic Fuzzy Environment Based on a Strict t-Conorm. In *IEEE Transactions on Systems, Man, and Cybernetics: Systems*. Vol. 47, no. 8 (2017), s. 2083-2099. ISSN 2168-2216 (2017: 5.135 - IF, Q1 - JCR Best Q, 1.303 - SJR, Q1 - SJR Best Q). V databáze: CC: 000411096800027 ; SCOPUS ; DOI: 10.1109/TSMC.2016.2610001.
- ADC09 DIBALA, Michal - VAVRÍKOVÁ, Lucia. A note on Archimax copulas and their representation by means of conic copulas. In *Fuzzy Sets and Systems*. Vol. 308, (2017), s. 123-132. ISSN 0165-0114 (2017: 2.675 - IF, Q1 - JCR Best Q, 1.138 - SJR, Q1 - SJR Best Q). V databáze: CC: 000390077100008 ; SCOPUS ; DOI: 10.1016/j.fss.2016.06.003.
- ADC10 HALAŠ, Radomír - MESIAR, Radko - PÓCS, Jozef. Generalized comonotonicity and new axiomatizations of Sugeno integrals on bounded distributive lattices. In *International Journal of Approximate Reasoning*. Vol. 81, (2017), s. 183-192. ISSN 0888-613X (2017: 1.766 - IF, Q2 - JCR Best Q, 0.866 - SJR, Q1 - SJR Best Q). V databáze: CC: 000392676200011 ; SCOPUS ; DOI: 10.1016/j.ijar.2016.11.012.

- ADC11 HALAŠ, Radomír - MESIAR, Radko - PÓCS, Jozef. Description of sup- and inf-preserving aggregation functions via families of clusters in data tables. In *Information Sciences*. Vol. 400-401, (2017), s. 173-183. ISSN 0020-0255 (2017: 4.305 - IF, Q1 - JCR Best Q, 1.635 - SJR, Q1 - SJR Best Q). V databáze: CC: 000400230900010 ; SCOPUS ; DOI: 10.1016/j.ins.2017.02.060.
- ADC12 CHEN, Tao - MESIAR, Radko - LI, Jun - STUPŇANOVÁ, Andrea. Possibility and necessity measures and integral equivalence. In *International Journal of Approximate Reasoning*. Vol. 86, (2017), s. 62-72. ISSN 0888-613X (2017: 1.766 - IF, Q2 - JCR Best Q, 0.866 - SJR, Q1 - SJR Best Q). V databáze: CC: 000403514700006 ; SCOPUS ; DOI: 10.1016/j.ijar.2017.04.008.
- ADC13 JENČOVÁ, Anna - JENČA, Gejza. On Monoids in the Category of Sets and Relations. In *International Journal of Theoretical Physics*. Vol. 56, No. 12 (2017), s. 3757-3769. ISSN 0020-7748 (2017: 0.968 - IF, Q3 - JCR Best Q, 0.285 - SJR, Q3 - SJR Best Q). V databáze: CC: 000414787000006 ; SCOPUS ; DOI: 10.1007/s10773-017-3304-z.
- ADC14 JIN, LeSheng - KALINA, Martin - QIAN, Gang. Discrete and continuous recursive forms of OWA operators. In *Fuzzy Sets and Systems*. Vol. 308, (2017), s. 106-122. ISSN 0165-0114 (2017: 2.675 - IF, Q1 - JCR Best Q, 1.138 - SJR, Q1 - SJR Best Q). V databáze: CC: 000390077100007 ; SCOPUS ; DOI: 10.1016/j.fss.2016.04.017.
- ADC15 JIN, LeSheng - MESIAR, Radko. The Metric Space of Ordered Weighted Average Operators with Distance Based on Accumulated Entries. In *International Journal of Intelligent Systems*. Vol. 32, no. 7 (2017), s. 665-675. ISSN 0884-8173 (print) (2017: 3.363 - IF, Q1 - JCR Best Q, 1.072 - SJR, Q1 - SJR Best Q). V databáze: CC: 000400583500001 ; SCOPUS ; DOI: 10.1002/int.21869.
- ADC16 JIN, LeSheng - KALINA, Martin - MESIAR, Radko - QIAN, Gang. On Some Properties and Comparative Analysis for Different OWA Monoids. In *International Journal of Intelligent Systems*. Vol. 32, no. 11 (2017), s. 1115-1135. ISSN 0884-8173 (2017: 3.363 - IF, Q1 - JCR Best Q, 1.072 - SJR, Q1 - SJR Best Q). V databáze: CC: 000409502700001 ; SCOPUS ; DOI: 10.1002/int.21885.
- ADC17 KARACAL, Funda - ERTUGRUL, Ümit - MESIAR, Radko. Characterization of uninorms on bounded lattices. In *Fuzzy Sets and Systems*. Vol. 308, (2017), s. 54-71. ISSN 0165-0114 (2017: 2.675 - IF, Q1 - JCR Best Q, 1.138 - SJR, Q1 - SJR Best Q). V databáze: CC: 000390077100004 ; SCOPUS ; DOI: 10.1016/j.fss.2016.05.014.
- ADC18 KARACAL, Funda - MESIAR, Radko. Aggregation functions on bounded lattices. In *International Journal of General Systems*. Vol. 46, no. 1 (2017), s. 37-51. ISSN 0308-1079 (2017: 2.931 - IF, Q1 - JCR Best Q, 1.665 - SJR, Q1 - SJR Best Q). V databáze: CC: 000396574300003 ; SCOPUS ; DOI: 10.1080/03081079.2017.1291634.
- ADC19 KLEMENT, Erich Peter - KOLESÁROVÁ, Anna - MESIAR, Radko - SAMINGER-PLATZ, Susanne. On the role of ultramodularity and Schur concavity in the construction of binary copulas. In *Journal of Mathematical Inequalities*. Vol. 11, no. 2 (2017), s. 361-381. ISSN 1846-579X (2017: 0.849 - IF, Q2 - JCR Best Q, 0.637 - SJR, Q2 - SJR Best Q). V databáze: CC: 000405107900006 ; DOI: 10.7153/jmi-11-32.
- ADC20 KNOR, Martin - KRANJC, Jaka - ŠKREKOVSKI, Riste - TEPEH, Aleksandra. On the minimum value of sum-Balaban index. In *Applied Mathematics and Computation*. Vol. 303, (2017), s. 203-210. ISSN 0096-3003 (2017: 2.300 - IF, Q1 - JCR Best Q, 1.065 - SJR, Q1 - SJR Best Q). V databáze: CC: 000395229800017 ; SCOPUS ; DOI: 10.1016/j.amc.2017.01.041.
- ADC21 KOMORNÍK, Jozef - KOMORNÍKOVÁ, Magda - KALICKÁ, Jana. Dependence measures for perturbations of copulas. In *Fuzzy Sets and Systems*. Vol. 324, (2017), s. 100-116. ISSN 0165-0114 (2017: 2.675 - IF, Q1 - JCR Best Q, 1.138 - SJR, Q1 - SJR Best Q). V databáze: CC: 000408022500009 ; SCOPUS ; DOI: 10.1016/j.fss.2017.01.014.
- ADC22 KOUCHAKINEJAD, Fateme - ŠIPOŠOVÁ, Alexandra. A note on the super-additive and sub-additive transformations of aggregation functions: The multi-dimensional case. In *Kybernetika*. Vol.

53, no. 1 (2017), s. 129-136. ISSN 0023-5954 (2017: 0.632 - IF, Q4 - JCR Best Q, 0.321 - SJR, Q2 - SJR Best Q). V databáze: CC: 000400203500007 ; SCOPUS ; DOI: 10.14736/kyb-2017-1-0129.

- ADC23 KOUCHAKINEJAD, Fateme - ŠIPOŠOVÁ, Alexandra - ŠIRÁŇ, Jozef. Aggregation functions with given super-additive and sub-additive transformations. In *International Journal of General Systems*. Vol. 46, no. 3 (2017), s. 225-234. ISSN 0308-1079 (2017: 2.931 - IF, Q1 - JCR Best Q, 1.665 - SJR, Q1 - SJR Best Q). V databáze: CC: 000405398600002 ; SCOPUS ; DOI: 10.1080/03081079.2017.1300586.
- ADC24 MESIAR, Radko - LI, Jun - OUYANG, Yao. On the equality of integrals. In *Information Sciences*. Vol. 393, (2017), s. 82-90. ISSN 0020-0255 (2017: 4.305 - IF, Q1 - JCR Best Q, 1.635 - SJR, Q1 - SJR Best Q). V databáze: CC: 000397366700006 ; SCOPUS ; DOI: 10.1016/j.ins.2017.02.015.
- ADC25 OUYANG, Yao - LI, Jun - MESIAR, Radko. Coincidences of the Concave Integral and the Pan-Integral. In *Symmetry*. Vol. 9, no. 6 (2017), [9] s. ISSN 2073-8994 (2017: 1.256 - IF, Q2 - JCR Best Q, 0.334 - SJR, Q2 - SJR Best Q). V databáze: CC: 000404183500012 ; SCOPUS ; DOI: 10.3390/sym9060090.
- ADC26 OUYANG, Yao - LI, Jun - MESIAR, Radko. On the equivalence of the Choquet, pan- and concave integrals on finite spaces. In *Journal of Mathematical analysis and applications*. Vol. 456, iss. 1 (2017), s. 151-162. ISSN 0022-247X (2017: 1.138 - IF, Q1 - JCR Best Q, 1.103 - SJR, Q1 - SJR Best Q). V databáze: CC: 000407667900008 ; SCOPUS ; DOI: 10.1016/j.jmaa.2017.06.086.
- ADC27 OUYANG, Yao - LI, Jun - MESIAR, Radko. On linearity of pan-integral and pan-integrable functions space. In *International Journal of Approximate Reasoning*. Vol. 90, (2017), s. 307-318. ISSN 0888-613X (2017: 1.766 - IF, Q2 - JCR Best Q, 0.866 - SJR, Q1 - SJR Best Q). V databáze: CC: 000413380900017 ; SCOPUS ; DOI: 10.1016/j.ijar.2017.08.001.
- ADC28 PETRÁŠOVÁ-ŠIBÍKOVÁ, Mária - BACIGÁL, Tomáš - JAROLÍMEK, Ivan. Fragmentation of hardwood floodplain forests - how does it affect species composition? In *Community Ecology*. Vol. 18, no. 1 (2017), s. 97-108. ISSN 1585-8553 (2017: 0.943 - IF, Q4 - JCR Best Q, 0.549 - SJR, Q2 - SJR Best Q). V databáze: CC: 000403545100011 ; SCOPUS ; DOI: 10.1556/168.2017.18.1.11.
- ADC29 ŠIPOŠOVÁ, Alexandra - ŠIPEKY, Ladislav - RINDONE, Fabio - GRECO, Salvatore - MESIAR, Radko. Super- and subadditive constructions of aggregation functions. In *Information Fusion*. Vol. 34, (2017), s. 49-54. ISSN 1566-2535 (2017: 6.639 - IF, Q1 - JCR Best Q, 1.832 - SJR, Q1 - SJR Best Q). V databáze: CC: 000384387800005 ; SCOPUS ; DOI: 10.1016/j.inffus.2016.06.006.
- ADC30 ŠIPOŠOVÁ, Alexandra - ŠIPEKY, Ladislav - ŠIRÁŇ, Jozef. On the existence of aggregation functions with given super-additive and sub-additive transformations. In *Fuzzy Sets and Systems*. Vol. 324, (2017), s. 117-126. ISSN 0165-0114 (2017: 2.675 - IF, Q1 - JCR Best Q, 1.138 - SJR, Q1 - SJR Best Q). V databáze: CC: 000408022500010 ; SCOPUS ; DOI: 10.1016/j.fss.2016.11.009.

ADE Vedecké práce v ostatných zahraničných časopisoch

- ADE01 KOUCHAKINEJAD, Fateme - ŠIPOŠOVÁ, Alexandra. Ordered Weighted Averaging Operators and their Generalizations with Applications in Decision Making. In *Iranian Journal of Operations Research*. Vol. 8, no. 2 (2017), s. 48-57. ISSN 2008-1189. V databáze: DOI: 10.29252/iors.8.2.48.
- ADE02 MESIAR, Radko - KOUCHAKINEJAD, Fateme - MASHINCHI, Mashaallah. Parameters of Fuzzy Bags. In *Journal of Fuzzy Set Valued Analysis [elektronický zdroj]*. Vol. 2017, no. 3 (2017), online, s. 120-131. ISSN 2193-4169.

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

- ADM01 AGAHI, Hamzeh - MESIAR, Radko - BABAKHANIA, Azizollah. Generalized expectation with general kernels on g-semirings and its applications. In *Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas*. Vol. 111, no. 3 (2017), s. 863-875. ISSN 1578-7303 (2017: 1.074 - IF, Q1 - JCR Best Q, 0.493 - SJR, Q2 - SJR Best Q). V databáze: SCOPUS ; WOS: 000403280300018 ; DOI: 10.1007/s13398-016-0322-2.

- ADM02 BACHRATÝ, Martin - ŠIAGIOVÁ, Jana - ŠIRÁŇ, Jozef. Revisiting Constructions of Large Cayley Graphs of Given Degree and Diameter from Regular Orbits. In *Journal of Interconnection Networks*. Vol. 17, iss. 3-4 (2017), [8] s. ISSN 0219-2659 (2017: 0.113 - SJR, Q4 - SJR Best Q). V databáze: SCOPUS ; DOI: 10.1142/S0219265917410110.
- ADM03 DYBALLA, Sylvia - SAVY, Thierry - GERMANN, Philipp - MIKULA, Karol - REMEŠÍKOVÁ, Mariana - ŠPIR, Róbert - ZECCA, Andrea - PEYRIÉRAS, Nadine - PUJADES, Cristina. Distribution of neurosensory progenitor pools during inner ear morphogenesis unveiled by cell lineage reconstruction. In *eLife [elektronický zdroj]*. Vol. 6, (2017), online, [22] s. ISSN 2050-084X (2017: 7.616 - IF, Q1 - JCR Best Q, 7.121 - SJR, Q1 - SJR Best Q). V databáze: SCOPUS ; DOI: 10.7554/eLife.22268.001.
- ADM04 ELDER, John - SIMMONS, Craig T. - DIERSCH, Hans-Jörg - FROLKOVIČ, Peter - HOLZBECHER, Ekkehard - JOHANNSEN, Klaus. The Elder Problem. In *Fluids [elektronický zdroj]*. Vol. 2, no. 1 (2017), online, [32] s. ISSN 2311-5521 (2017). V databáze: WOS: 000417147900010 ; DOI: 10.3390/fluids2010011.
- ADM05 HAHN, Jooyoung - MIKULA, Karol - FROLKOVIČ, Peter - BASARA, Branislav. Inflow-Based Gradient Finite Volume Method for a Propagation in a Normal Direction in a Polyhedron Mesh. In *Journal of Scientific Computing*. Vol. 72, no. 1 (2017), s. 442-465. ISSN 0885-7474 (2017: 1.814 - IF, Q1 - JCR Best Q, 1.675 - SJR, Q1 - SJR Best Q). V databáze: SCOPUS ; WOS: 000403410200018 ; DOI: 10.1007/s10915-017-0364-4.
- ADM06 HANDLOVIČOVÁ, Angela. Stability estimates for discrete duality finite volume scheme for Heston model. In *Computer methods in materials science*. Vol. 17, iss. 2 (2017), s. 101-110. ISSN 1641-8581 (2017: 0.140 - SJR, Q4 - SJR Best Q). V databáze: SCOPUS.
- ADM07 JAROLÍMEK, Ivan - PETRÁŠOVÁ-ŠIBÍKOVÁ, Mária - ZALIBEROVÁ, Marica - MÁJEKOVÁ, Jana - BACIGÁL, Tomáš - MEDVECKÁ, Jana. Dynamics of alluvial grasslands: a 25-year study on the Morava river (Slovakia). In *PHYTON - Annales Rei Botanicae*. Vol. 57, no. 1-2 (2017), s. 91-106. ISSN 0079-2047 (2017: 0.364 - IF, Q4 - JCR Best Q, 0.167 - SJR, Q4 - SJR Best Q). V databáze: WOS: 000430158700009 ; DOI: 10.12905/0380.phyton57-2018-0091.
- ADM08 KNOR, Martin - ŠKREKOVSKI, Riste - TEPEH, Aleksandra. A Note on Accumulation Points of Balaban index. In *MATCH*. Vol. 78, no. 1 (2017), s. 163-168. ISSN 0340-6253 (2017: 2.580 - IF, Q1 - JCR Best Q, 1.520 - SJR, Q1 - SJR Best Q). V databáze: SCOPUS.
- ADM09 MESIAR, Radko - KOLESÁROVÁ, Anna. Aggregation and related functions in fuzzy set theory: dualities and monotonicity-based generalizations. In *Journal of Automation, Mobile Robotics and Intelligent Systems*. Vol. 11, no. 3 (2017), s. 58-61. ISSN 1897-8649 (2017: 0.156 - SJR, Q4 - SJR Best Q). V databáze: SCOPUS ; DOI: 10.14313/JAMRIS_3-2017/29.
- ADM10 RIEČANOVÁ, Izabela - HANDLOVIČOVÁ, Angela. Acoustic simulations based on FVM solution of the Helmholtz equation. In *Acta Polytechnica Hungarica*. Vol. 14, no. 5 (2017), s. 139-150. ISSN 1785-8860 (2017: 0.909 - IF, Q3 - JCR Best Q, 0.255 - SJR, Q2 - SJR Best Q). V databáze: SCOPUS ; DOI: 10.12700/APH.14.5.2017.5.9.
- ADM11 SAMINGER-PLATZ, Susanne - DIBALA, Michal - KLEMENT, Erich Peter - MESIAR, Radko. Ordinal sums of binary conjunctive operations based on the product. In *Publicationes Mathematicae Debrecen*. Vol. 91, no. 1-2 (2017), s. 63-80. ISSN 0033-3883 (2017: 0.526 - IF, Q4 - JCR Best Q, 0.369 - SJR, Q3 - SJR Best Q). V databáze: WOS: 000411150100004 ; DOI: 10.5486/PMD.2017.7636.
- ADM12 SOKOL, Milan - KOMORNÍKOVÁ, Magda - BACIGÁL, Tomáš - RODRÍGUEZ PAZ, Miguel X. The Approximation Function of Bridge Deck Vibration Derived from the Measured Eigenmodes. In *International Journal of Applied Mathematics and Computer Science*. Vol. 27, iss. 4 (2017), s. 799-814. ISSN 1641-876X (2017: 1.694 - IF, Q1 - JCR Best Q, 0.729 - SJR, Q1 - SJR Best Q). V databáze: SCOPUS ; WOS: 000419814400011 ; DOI: 10.1515/amcs-2017-0056.

ADM13 SZATMÁRI, Daniel - VAJSÁBLOVÁ, Margita - MOJŠOVÁ, Denisa. Application of Evaluation Criteria to Cartographic Projections. In *Acta Polytechnica Hungarica*. Vol. 14, no. 5 (2017), s. 11-28. ISSN 1785-8860 (2017: 0.909 - IF, Q3 - JCR Best Q, 0.255 - SJR, Q2 - SJR Best Q). V databáze: WOS: 000426127200002 ; SCOPUS: 2-s2.0-85042316567 ; DOI: 10.12700/APH.14.5.2017.5.2.

ADM14 ŠPIR, Róbert - MIKULA, Karol - PEYRIERAS, Nadine. Parallelization and validation of algorithms for Zebrafish cell lineage tree reconstruction from big 4D image data. In *Acta Polytechnica Hungarica*. Vol. 14, no. 5 (2017), s. 65-84. ISSN 1785-8860 (2017: 0.909 - IF, Q3 - JCR Best Q, 0.255 - SJR, Q2 - SJR Best Q). V databáze: SCOPUS ; DOI: 10.12700/APH.14.5.2017.5.5.

ADN Vedecké práce v domácich časopisoch registrovaných v databázach Web of Science alebo SCOPUS

ADN01 BACIGÁL, Tomáš - ŽDÍMALOVÁ, Mária. Convergence of linear approximation of Archimedean generator from Williamson's transform in examples. In *Tatra Mountains Mathematical Publications*. Vol. 69, (2017), s. 1-18. ISSN 1210-3195 (2017: 0.363 - SJR, Q3 - SJR Best Q). V databáze: SCOPUS ; DOI: 10.1515/tmmp-2017-0010.

ADN02 BISWAKARMA, Rajib - BORKOTOKEY, Surajit - MESIAR, Radko. A simplified expression of share functions for cooperative games with fuzzy coalitions. In *Tatra Mountains Mathematical Publications*. Vol. 69, (2017), s. 19-34. ISSN 1210-3195 (2017: 0.363 - SJR, Q3 - SJR Best Q). V databáze: SCOPUS ; DOI: 10.1515/tmmp-2017-0011.

ADN03 KOMORNÍK, Jozef - KOMORNÍKOVÁ, Magda - BACIGÁL, Tomáš - NGUYEN, Cuong. Multidimensional copula models for parallel development of the US bond market indices. In *Tatra Mountains Mathematical Publications*. Vol. 69, (2017), s. 61-73. ISSN 1210-3195 (2017: 0.363 - SJR, Q3 - SJR Best Q). V databáze: SCOPUS ; DOI: 10.1515/tmmp-2017-0014.

ADN04 KOPÁNI, Martin - FILOVÁ, Barbora - ŠEVČÍK, Peter - KOSNÁČ, Daniel - MISEK, Jakub - POLÁK, Štefan - KOHAN, Miroslav - MAJOR, Jozef - ŽDÍMALOVÁ, Mária - JAKUŠ, Ján. Iron deposition in rabbit cerebellum after exposure to generated and mobile GSM electromagnetic fields. In *Bratislava Medical Journal*. Vol. 118, no. 10 (2017), s. 575-579. ISSN 0006-9248 (2017: 0.678 - IF, Q4 - JCR Best Q, 0.211 - SJR, Q3 - SJR Best Q). V databáze: SCOPUS ; WOS: 000416937200001 ; DOI: 10.4149/BLL_2017_110.

ADN05 KOUCHAKINEJAD, Fateme - ŠIPOŠOVÁ, Alexandra. On some transformations of fuzzy measures. In *Tatra Mountains Mathematical Publications*. Vol. 69, (2017), s. 75-86. ISSN 1210-3195 (2017: 0.363 - SJR, Q3 - SJR Best Q). V databáze: SCOPUS ; DOI: 10.1515/tmmp-2017-0015.

ADN06 MEDVECKÁ, Soňa - IVÁNKOVÁ, Oľga - MACÁK, Marek. Pressure Coefficients Acting upon the Cylinder Obtained by Numerical and Experimental Analysis. In *Civil and environmental engineering*. Vol. 13, iss. 2 (2017), s. 149-155. ISSN 1336-5835 (2017). V databáze: WOS: 000417331300010 ; DOI: 10.1515/cee-2017-0020.

ADN07 MINÁROVÁ, Mária. Radiation of heat in an insulating vacuum layer. In *Tatra Mountains Mathematical Publications*. Vol. 69, (2017), s. 87-100. ISSN 1210-3195 (2017: 0.363 - SJR, Q3 - SJR Best Q). V databáze: SCOPUS ; DOI: 10.1515/tmmp-2017-0016.

ADN08 PEKSOVÁ SZOLGAYOVÁ, Elena - DANÁČOVÁ, Michaela - KOMORNÍKOVÁ, Magda - SZOLGAY, Ján. Hybrid forecasting of daily river discharges considering autoregressive heteroscedasticity. In *Slovak Journal of Civil Engineering*. Vol. 25, no. 2 (2017), s. 39-48. ISSN 1210-3896. V databáze: WOS: 000405910900006 ; DOI: 10.1515/sjce-2017-0011.

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AEC Vedecké práce v zahraničných recenzovaných vedeckých zborníkoch, monografiách

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FAI Redakčné a zostavovateľské práce knižného charakteru (bibliografie, encyklopédie, katalógy, slovníky, zborníky...)

- FAI01 KALINA, Martin (ed.) - MINÁROVÁ, Mária (ed.) - NÁNÁSIOVÁ, Oľga (ed.). *PRASTAN 2017 : zborník abstraktov. Oščadnica, SR, 5. - 8. októbra 2017*. 1. vyd. Bratislava : Jednota slovenských matematikov a fyzikov, 2017. 25 s. ISBN 978-80-89829-04-0.
- FAI02 KULCZYCKI, Piotr (ed.) - KÓCZY, László T. (ed.) - MESIAR, Radko (ed.) - KACPRZYK, Janusz (ed.). *Information Technology and Computational Physics*. 1. vyd. Cham (Switzerland) : Springer International Publishing, 2017. 255 s. Advances in Intelligent Systems and Computing, vol. 462. ISBN 978-3-319-44259-4. ISSN 2194-5357.
- FAI03 MEDĽA, Matej (ed.) - STRUK, Peter (ed.). *Equadiff 2017 : book of abstracts. July 24-28, 2017, Bratislava, Slovakia*. 1. vyd. Bratislava : Spektrum STU, 2017. 451 s. ISBN 978-80-227-4710-3.
- FAI04 MIKULA, Karol (ed.) - ŠEVČOVIČ, Daniel (ed.) - URBÁN, Jozef (ed.). *Proceedings of Equadiff 2017 Conference : July 24-28, 2017, Bratislava, Slovakia* [elektronický zdroj]. 1. vyd. Bratislava : Spektrum STU, 2017. online, 406 s. Dostupné na internete: <<http://www.iam.fmph.uniba.sk/amuc/ojs/public/journals/4/ProceedingEquadiff2017.pdf>>. ISBN 978-80-227-4757-8.
- FAI05 VAJSÁBLOVÁ, Margita (ed.) - ŠIPEKY, Ladislav (ed.). *Geometria a jej aplikácie 2017 : geometrické modelovanie prvkov krajiny. Zborník abstraktov. Zvolen, SR, 19. 1. 2017* [elektronický zdroj]. 1. vyd. Bratislava : SPEKTRUM STU, 2017. online. Dostupné na internete: <<http://www.math.sk/gaja/abstract/2017/index.html>>. ISBN 978-80-227-4676-2.

GII Rôzne publikácie a dokumenty, ktoré nemožno zaradiť do žiadnej z predchádzajúcich kategórií

- GII01 HRIŇÁKOVÁ, Katarína - HRIŇÁK, Martin. Dolina smrti. In *Mladý vedec*. č. 35 (2017), s. 2-6. ISSN 1337-5873.

Štatistika: kategória publikačnej činnosti

ADC	Vedecké práce v zahraničných karentovaných časopisoch	30
ADE	Vedecké práce v ostatných zahraničných časopisoch	2
ADM	Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS	14
ADN	Vedecké práce v domácich časopisoch registrovaných v databázach Web of Science alebo SCOPUS	9
AEC	Vedecké práce v zahraničných recenzovaných vedeckých zborníkoch, monografiách	7
AFB	Publikované pozvané príspevky na domácich vedeckých konferenciách	1
AFC	Publikované príspevky na zahraničných vedeckých konferenciách	15
AFD	Publikované príspevky na domácich vedeckých konferenciách	24
AFG	Abstrakty príspevkov zo zahraničných konferencií	16
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BDF	Odborné práce v ostatných domácich časopisoch	2
BDM	Odborné práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS	2
BEE	Odborné práce v zahraničných zborníkoch (konferenčných aj nekonferenčných)	5
BEF	Odborné práce v domácich zborníkoch (konferenčných aj nekonferenčných)	1
BFA	Abstrakty odborných prác zo zahraničných podujatí (konferencie...)	9
BFB	Abstrakty odborných prác z domácich podujatí (konferencie...)	1
FAI	Redakčné a zostavovateľské práce knižného charakteru (bibliografie, encyklopédie, katalógy, slovníky, zborníky...)	5
GII	Rôzne publikácie a dokumenty, ktoré nemožno zaradiť do žiadnej z predchádzajúcich kategórií	1
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Štatistika: skupiny kategórií publikačnej činnosti

Skupina A2	Ostatné knižné publikácie (ACA, ACB, BAA, BAB, BCB, BCI, EAI, CAA, CAB, EAJ, FAI)	7
Skupina B	Publikácie v karentovaných vedeckých časopisoch (ADC, ADD, BDC, BDD, CDC, CDD, AGJ)	57
Skupina C	Publikácie, ktoré nie sú karentované, ale sú registrované v databázach WoS alebo Scopus (ADM, ADN, BDM, BDN)	108
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