Zoznam publikačnej činnosti 2018

Katedra matematiky a deskriptívnej geometrie, SvF STU v BA

ABC Kapitoly vo vedeckých monografiách vydané v zahraničných vydavateľstvách

ABC01   BUSTINCE, Humberto - FERNANDEZ, Javier - MESIAR, Radko - STUPŇANOVÁ, Andrea. Aggregation Operators in Fuzzy Sets. In *Wiley Encyclopedia of Electrical and Electronics Engineering [elektronický zdroj]*. New York : John Wiley & Sons, 2018, online, 11 s. [1,258 AH]. ISBN 9780471346081. V databáze: DOI: 10.1002/047134608X.W8359.

ADC Vedecké práce v zahraničných karentovaných časopisoch

ADC01   AGAHI, Hamzeh - MESIAR, Radko. On Choquet-Pettis Expectation of Banach-Valued Functions: A Counter Example. In *International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems*. Vol. 26, no. 2 (2018), s. 255-259. ISSN 0218-4885 (2018: 1.286 - IF, Q4 - JCR Best Q, 0.393 - SJR, Q2 - SJR Best Q). V databáze: CC: 000430137900005 ; SCOPUS: 2-s2.0-85045406651 ; DOI: 10.1142/S0218488518500137.

ADC02   ANDOVA, Vesna - KNOR, Martin - ŠKREKOVSKI, Riste. Distance based indices in nanotubical graphs: part 1. In *Journal of Mathematical Chemistry*. Vol. 56, iss. 9 (2018), s. 2801-2815. ISSN 0259-9791 (2018: 1.810 - IF, Q2 - JCR Best Q, 0.318 - SJR, Q3 - SJR Best Q). V databáze: CC: 000443702300014 ; SCOPUS: 2-s2.0-85047410188 ; DOI: 10.1007/s10910-018-0919-0.

ADC03   ANDOVA, Vesna - KNOR, Martin - ŠKREKOVSKI, Riste. Distance based indices in nanotubical graphs: part 2. In *Journal of Mathematical Chemistry*. Vol. 56, Iss. 10 (2018), s. 3076-3088. ISSN 0259-9791 (2018: 1.810 - IF, Q2 - JCR Best Q, 0.318 - SJR, Q3 - SJR Best Q). V databáze: SCOPUS: 2-s2.0-85049585455 ; CC: 000446423400010 ; DOI: 10.1007/s10910-018-0933-2.

ADC04   ARIAS-GARCÍA, José De Jesús - MESIAR, Radko - KLEMENT, Erich Peter - SAMINGER-PLATZ, Susanne - DE BAETS, Bernard. Extremal Lipschitz continuous aggregation functions with a given diagonal section. In *Fuzzy Sets and Systems*. Vol. 346, (2018), s. 147-167. ISSN 0165-0114 (2018: 2.907 - IF, Q1 - JCR Best Q, 1.347 - SJR, Q1 - SJR Best Q). V databáze: CC: 000436569600008 ; SCOPUS: 2-s2.0-85041560376 ; DOI: 10.1016/j.fss.2017.12.014.

ADC05   ASIAIN, Maria José - BUSTINCE, Humberto - MESIAR, Radko - KOLESÁROVÁ, Anna - TAKÁČ, Zdenko. Negations With Respect to Admissible Orders in the Interval-Valued Fuzzy Set Theory. In *IEEE Transactions on fuzzy systems*. Vol. 26, no. 2 (2018), s. 556-568. ISSN 1063-6706 (2018: 8.759 - IF, Q1 - JCR Best Q, 2.794 - SJR, Q1 - SJR Best Q). V databáze: CC: 000428613500013 ; DOI: 10.1109/TFUZZ.2017.2686372 ; SCOPUS: 2-s2.0-85029417505.

ADC06   BORKOTOKEY, Surajit - MESIAR, Radko - LI, Jun - KOUCHAKINEJAD, Fateme - ŠIPOŠOVÁ, Alexandra. Event-based transformations of capacities and invariantness. In *Soft Computing*. Vol. 22, no. 19 (2018), s. 6291-6297. ISSN 1432-7643 (2018: 2.784 - IF, Q2 - JCR Best Q, 0.617 - SJR, Q2 - SJR Best Q). V databáze: CC: 000444010500002 ; SCOPUS: 2-s2.0-85035746278 ; DOI: 10.1007/s00500-017-2970-3.

ADC07   BOTUR, Michal - HALAŠ, Radomír - MESIAR, Radko - PÓCS, Jozef. On generating of idempotent aggregation functions on finite lattices. In *Information Sciences*. Vol. 430-431, (2018), s. 39-45. ISSN 0020-0255 (2018: 5.524 - IF, Q1 - JCR Best Q, 1.620 - SJR, Q1 - SJR Best Q). V databáze: CC: 000424174700003 ; SCOPUS: 2-s2.0-85035354100 ; DOI: 10.1016/j.ins.2017.11.031.

ADC08   BUSTINCE, Humberto - BARRENECHEA, Edurne - SESMA-SARA, Mikel - LAFUENTE, Julio - DIMURO, Gracaliz Pereira - MESIAR, Radko - KOLESÁROVÁ, Anna. Ordered Directionally Monotone Functions: Justification and Application. In *IEEE Transactions on fuzzy systems*. Vol. 26, no. 4 (2018), s. 2237-2250. ISSN 1063-6706 (2018: 8.759 - IF, Q1 - JCR Best Q, 2.794 - SJR, Q1 - SJR Best Q). V databáze: CC: 000440798300039 ; SCOPUS: 2-s2.0-85032815879 ; DOI: 10.1109/TFUZZ.2017.2769486.

ADC09   DAS, Satyajit - GUHA, Debashree - MESIAR, Radko. Information Measures in the Intuitionistic Fuzzy Framework and Their Relationships. In *IEEE Transactions on fuzzy systems*. Vol. 26, no. 3

(2018), s. 1626-1637. ISSN 1063-6706 (2018: 8.759 - IF, Q1 - JCR Best Q, 2.794 - SJR, Q1 - SJR Best Q). V databáze: CC: 000433957900043 ; SCOPUS: 2-s2.0-85029187924 ; DOI: 10.1109/TFUZZ.2017.2738603.

ADC10   DE HIERRO, Antonio Francisco Roldán López - BUSTINCE, Humberto - FERNÁNDEZ, Javier - MESIAR, Radko - ROLDÁN, Concepción. Two novel methodologies for considering aggregation functions by implicit equations and minimization problems. In *European Journal of Operational Research*. Vol. 270, (2018), s. 670-681. ISSN 0377-2217 (2018: 3.806 - IF, Q1 - JCR Best Q, 2.205 - SJR, Q1 - SJR Best Q). V databáze: CC: 000436347700020 ; SCOPUS: 2-s2.0-85046730883 ; DOI: 10.1016/j.ejor.2018.04.023.

ADC11   DECKÝ, Marián - MESIAR, Radko - STUPŇANOVÁ, Andrea. Deviation-based aggregation functions. In *Fuzzy Sets and Systems*. Vol. 332, (2018), s. 29-36. ISSN 0165-0114 (2018: 2.907 - IF, Q1 - JCR Best Q, 1.347 - SJR, Q1 - SJR Best Q). V databáze: CC: 000417104900003 ; SCOPUS: 2-s2.0-85017131089 ; DOI: 10.1016/j.fss.2017.03.016.

ADC12   DEHMIRY, Alireza Hosseini - MASHINCHI, Mashaallah - MESIAR, Radko. Hesitant L-Fuzzy Sets. In *International Journal of Intelligent Systems*. Vol. 33, no. 5 (2018), s. 1027-1042. ISSN 0884-8173 (2018: 7.229 - IF, Q1 - JCR Best Q, 1.297 - SJR, Q1 - SJR Best Q). V databáze: CC: 000428795300006 ; SCOPUS: 2-s2.0-85019684566 ; DOI: 10.1002/int.21910.

ADC13   DORIA, Serena - DUTTA, Bapi - MESIAR, Radko. Integral representation of coherent upper conditional prevision with respect to its associated Hausdorff outer measure: a comparison among the Choquet integral, the pan-integral and the concave integral. In *International Journal of General Systems*. Vol. 47, no. 6 (2018), s. 569-592. ISSN 0308-1079 (2018: 2.259 - IF, Q2 - JCR Best Q, 0.855 - SJR, Q1 - SJR Best Q). V databáze: CC: 000436328700002 ; SCOPUS: 2-s2.0-85047960848 ; DOI: 10.1080/03081079.2018.1473392.

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ADC15   HALAŠ, Radomír - KURAČ, Zbyněk - MESIAR, Radko - PÓCS, Jozef. Binary generating set of the clone of idempotent aggregation functions on bounded lattices. In *Information Sciences*. Vol. 462, (2018), s. 367-373. ISSN 0020-0255 (2018: 5.524 - IF, Q1 - JCR Best Q, 1.620 - SJR, Q1 - SJR Best Q). V databáze: CC: 000443666300021 ; SCOPUS: 2-s2.0-85048763244 ; DOI: 10.1016/j.ins.2018.06.038.

ADC16   HALAŠ, Radomír - MESIAR, Radko - PÓCS, Jozef. On Linear Approximations of Sugeno Integrals on Bounded Distributive Lattices. In *IEEE Transactions on fuzzy systems*. Vol. 26, no. 5 (2018), s. 3177-3181. ISSN 1063-6706 (2018: 8.759 - IF, Q1 - JCR Best Q, 2.794 - SJR, Q1 - SJR Best Q). V databáze: CC: 000446675400055 ; SCOPUS: 2-s2.0-85039784177 ; DOI: 10.1109/TFUZZ.2017.2785791.

ADC17   HAZARIKA, Pankaj - BORKOTOKEY, Surajit - MESIAR, Radko. Bi-cooperative games in bipolar fuzzy settings. In *International Journal of General Systems*. Vol. 47, no. 1 (2018), s. 51-66. ISSN 0308-1079 (2018: 2.259 - IF, Q2 - JCR Best Q, 0.855 - SJR, Q1 - SJR Best Q). V databáze: CC: 000415640700002 ; SCOPUS: 2-s2.0-85031418084 ; DOI: 10.1080/03081079.2017.1388800.

ADC18   HORANSKÁ, Ľubomíra - ŠIPOŠOVÁ, Alexandra. A generalization of the discrete Choquet and Sugeno integrals based on a fusion function. In *Information Sciences*. Vol. 451, (2018), s. 83-99. ISSN 0020-0255 (2018: 5.524 - IF, Q1 - JCR Best Q, 1.620 - SJR, Q1 - SJR Best Q). V databáze: CC: 000432507900006 ; DOI: 10.1016/j.ins.2018.03.059 ; SCOPUS: 2-s2.0-85045064781.

ADC19   JIN, LeSheng - MESIAR, Radko - BORKOTOKEY, Surajit - KALINA, Martin. Certainty aggregation and the certainty fuzzy measures. In *International Journal of Intelligent Systems*. Vol. 33, no. 4 (2018), s. 759-770. ISSN 0884-8173 (2018: 7.229 - IF, Q1 - JCR Best Q, 1.297 - SJR, Q1 - SJR

Best Q). V databáze: CC: 000426066400003 ; SCOPUS: 2-s2.0-85042357914 ; DOI: 10.1002/int.21961.

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ADC21   JIN, LeSheng - MESIAR, Radko - QIAN, Gang. Weighting Models to Generate Weights and Capacities in Multicriteria Group Decision Making. In *IEEE Transactions on fuzzy systems*. Vol. 26, no. 4 (2018), s. 2225-2236. ISSN 1063-6706 (2018: 8.759 - IF, Q1 - JCR Best Q, 2.794 - SJR, Q1 - SJR Best Q). V databáze: CC: 000440798300038 ; SCOPUS: 2-s2.0-85032787791 ; DOI: 10.1109/TFUZZ.2017.2769041.

ADC22   JIN, LeSheng - KALINA, Martin - MESIAR, Radko - BORKOTOKEY, Surajit. Discrete Choquet Integrals for Riemann Integrable Inputs With Some Applications. In *IEEE Transactions on fuzzy systems*. Vol. 26, no. 5 (2018), s. 3164-3169. ISSN 1063-6706 (2018: 8.759 - IF, Q1 - JCR Best Q, 2.794 - SJR, Q1 - SJR Best Q). V databáze: CC: 000446675400053 ; SCOPUS: 2-s2.0-85041180506 ; DOI: 10.1109/TFUZZ.2018.2792458.

ADC23   KAKATI, Pankaj - BORKOTOKEY, Surajit - MESIAR, Radko - RAHMAN, Saifur. Interval neutrosophic hesitant fuzzy Choquet integral in multicriteria decision making. In *Journal of Intelligent and Fuzzy Systems*. Vol. 35, no. 3 (2018), s. 3213-3231. ISSN 1064-1246 (2018: 1.637 - IF, Q3 - JCR Best Q, 0.412 - SJR, Q1 - SJR Best Q). V databáze: CC: 000446239400060 ; SCOPUS: 2-s2.0-85054829211 ; DOI: 10.3233/JIFS-17166.

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ADC25   KNOR, Martin - MAJSTOROVIĆ, Snježana - ŠKREKOVSKI, Riste. Graphs whose Wiener index does not change when a specific vertex is removed. In *Discrete Applied Mathematics*. Vol. 238, (2018), s. 126-132. ISSN 0166-218X (2018: 0.983 - IF, Q3 - JCR Best Q, 0.815 - SJR, Q2 - SJR Best Q). V databáze: CC: 000427218900013 ; SCOPUS: 2-s2.0-85039938551 ; DOI: 10.1016/j.dam.2017.12.012.

ADC26   KNOR, Martin - MAJSTOROVIĆ, Snježana - ŠKREKOVSKI, Riste. Graphs preserving Wiener index upon vertex removal. In *Applied Mathematics and Computation*. Vol. 338, (2018), s. 25-32. ISSN 0096-3003 (2018: 3.092 - IF, Q1 - JCR Best Q, 0.927 - SJR, Q1 - SJR Best Q). V databáze: CC: 000441871500003 ; SCOPUS: 2-s2.0-85048853286 ; DOI: 10.1016/j.amc.2018.05.047.

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ADC28   LUCCA, Giancarlo - SANZ, José Antonio - DIMURO, Gracaliz Pereira - BEDREGAL, Benjamín René Callejas - BUSTINCE, Humberto - MESIAR, Radko. C-F-integrals: A new family of pre-aggregation functions with application to fuzzy rule-based classification systems. In *Information Sciences*. Vol. 435, (2018), s. 94-110. ISSN 0020-0255 (2018: 5.524 - IF, Q1 - JCR Best Q, 1.620 - SJR, Q1 - SJR Best Q). V databáze: CC: 000425565300007 ; SCOPUS: 2-s2.0-85040323043 ; DOI: 10.1016/j.ins.2017.12.029.

ADC29   MEDĽA, Matej - MIKULA, Karol - ČUNDERLÍK, Róbert - MACÁK, Marek. Numerical solution to the oblique derivative boundary value problem on non-uniform grids above the Earth topography. In *Journal of geodesy*. Vol. 92, no. 1 (2018), s. 1-19. ISSN 0949-7714 (2018: 4.528 - IF, Q1 - JCR Best Q, 2.036 - SJR, Q1 - SJR Best Q). V databáze: CC: 000419971400001 ; SCOPUS: 2-s2.0-85019729163 ; DOI: 10.1007/s00190-017-1040-z.

ADC30   MESIAR, Radko - KOLESÁROVÁ, Anna - STUPŇANOVÁ, Andrea. Quo vadis aggregation? In *International Journal of General Systems*. Vol. 47, no. 2 (2018), s. 97-117. ISSN 0308-1079 (2018: 2.259 - IF, Q2 - JCR Best Q, 0.855 - SJR, Q1 - SJR Best Q). V databáze: CC: 000423848800001 ; SCOPUS: 2-s2.0-85034646832 ; DOI: 10.1080/03081079.2017.1402893.

ADC31   MESIAR, Radko - KOLESÁROVÁ, Anna - BUSTINCE, Humberto - FERNANDEZ, Javier. Dualities in the class of extended Boolean functions. In *Fuzzy Sets and Systems*. Vol. 332, (2018), s. 78-92. ISSN 0165-0114 (2018: 2.907 - IF, Q1 - JCR Best Q, 1.347 - SJR, Q1 - SJR Best Q). V databáze: CC: 000417104900008 ; SCOPUS: 2-s2.0-85018966572 ; DOI: 10.1016/j.fss.2017.04.008.

ADC32   MESIAR, Radko - ŠIPEKY, Ladislav - GUPTA, Pankaj - JIN, LeSheng. Aggregation of OWA operators. In *IEEE Transactions on fuzzy systems*. Vol. 26, no. 1 (2018), s. 284-291. ISSN 1063-6706 (2018: 8.759 - IF, Q1 - JCR Best Q, 2.794 - SJR, Q1 - SJR Best Q). V databáze: CC: 000424985400023 ; SCOPUS: 2-s2.0-85041456986 ; DOI: 10.1109/TFUZZ.2017.2654482.

ADC33   MESIAR, Radko - KOLESÁROVÁ, Anna. k-maxitive aggregation functions. In *Fuzzy Sets and Systems*. Vol. 346, (2018), s. 127-137. ISSN 0165-0114 (2018: 2.907 - IF, Q1 - JCR Best Q, 1.347 - SJR, Q1 - SJR Best Q). V databáze: CC: 000436569600006 ; SCOPUS: 2-s2.0-85039939415 ; DOI: 10.1016/j.fss.2017.12.016.

ADC34   MESIAR, Radko - BORKOTOKEY, Surajit - JIN, LeSheng - KALINA, Martin. Aggregation functions and capacities. In *Fuzzy Sets and Systems*. Vol. 346, (2018), s. 138-146. ISSN 0165-0114 (2018: 2.907 - IF, Q1 - JCR Best Q, 1.347 - SJR, Q1 - SJR Best Q). V databáze: CC: 000436569600007 ; SCOPUS: 2-s2.0-85028331007 ; DOI: 10.1016/j.fss.2017.08.007.

ADC35   MESIAR, Radko - KOUCHAKINEJAD, Fateme - ŠIPOŠOVÁ, Alexandra. On fuzzy solution of a linear optimization problem with max-aggregation function relation inequality constraints. In *Annals of Operational Research*. Vol. 269, iss. 1-2 (2018), s. 521-533. ISSN 0254-5330 (2018: 2.284 - IF, Q2 - JCR Best Q, 1.032 - SJR, Q1 - SJR Best Q). V databáze: CC: 000442991200024 ; SCOPUS: 2-s2.0-85016477170 ; DOI: 10.1007/s10479-017-2483-6.

ADC36   MESIAR, Radko - STUPŇANOVÁ, Andrea - YAGER, Ronald R. Extremal symmetrization of aggregation functions. In *Annals of Operational Research*. Vol. 269, iss. 1-2 (2018), s. 535-548. ISSN 0254-5330 (2018: 2.284 - IF, Q2 - JCR Best Q, 1.032 - SJR, Q1 - SJR Best Q). V databáze: CC: 000442991200025 ; SCOPUS: 2-s2.0-85016409585 ; DOI: 10.1007/s10479-017-2471-x.

ADC37   MESIAR, Radko - BORKOTOKEY, Surajit - JIN, LeSheng - KALINA, Martin. Aggregation Under Uncertainty. In *IEEE Transactions on fuzzy systems*. Vol. 26, no. 4 (2018), s. 2475-2478. ISSN 1063-6706 (2018: 8.759 - IF, Q1 - JCR Best Q, 2.794 - SJR, Q1 - SJR Best Q). V databáze: CC: 000460671100001 ; SCOPUS: 2-s2.0-85030784628 ; DOI: 10.1109/TFUZZ.2017.2756828.

ADC38   MESIAR, Radko - KOUCHAKINEJAD, Fateme - ŠIPOŠOVÁ, Alexandra - MASHINCHI, Mashaallah. OWA Operators on Complete Lattices. In *IEEE Transactions on fuzzy systems*. Vol. 26, no. 6 (2018), s. 3884-3887. ISSN 1063-6706 (2018: 8.759 - IF, Q1 - JCR Best Q, 2.794 - SJR, Q1 - SJR Best Q). V databáze: CC: 000451946300055 ; SCOPUS: 2-s2.0-85045722944 ; DOI: 10.1109/TFUZZ.2018.2829470.

ADC39   MINÁROVÁ, Mária - PATERNAIN, Daniel - JURIO, Aranzazu - RUIZ-ARANGUEN, Javier - TAKÁČ, Zdenko - BUSTINCE, Humberto. Modifying the gravitational search algorithm: A functional study. In *Information Sciences*. Vol. 430-431, (2018), s. 87-103. ISSN 0020-0255 (2018: 5.524 - IF, Q1 - JCR Best Q, 1.620 - SJR, Q1 - SJR Best Q). V databáze: CC: 000424174700007 ; SCOPUS: 2-s2.0-85035015006 ; DOI: 10.1016/j.ins.2017.11.033.

ADC40   PATERNAIN, Daniel - CAMPIÓN, María Jesús - MESIAR, Radko - PERFILIEVA, Irina - BUSTINCE, Humberto. Internal Fusion Functions. In *IEEE Transactions on fuzzy systems*. Vol. 26, no. 2 (2018), s. 487-503. ISSN 1063-6706 (2018: 8.759 - IF, Q1 - JCR Best Q, 2.794 - SJR, Q1 - SJR Best Q). V databáze: CC: 000428613500008 ; SCOPUS: 2-s2.0-85045007033 ; DOI: 10.1109/TFUZZ.2017.2686345.

ADC41   PETRÍK, Milan - SARKOCI, Peter. Continuous weakly cancellative triangular subnorms: I. Their web-geometric properties. In *Fuzzy Sets and Systems*. Vol. 332, (2018), s. 93-110. ISSN 0165-0114 (2018: 2.907 - IF, Q1 - JCR Best Q, 1.347 - SJR, Q1 - SJR Best Q). V databáze: CC: 000417104900009 ; SCOPUS: 2-s2.0-85019041132 ; DOI: 10.1016/j.fss.2017.04.010.

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ADC43   SAMINGER-PLATZ, Susanne - KOLESÁROVÁ, Anna - MESIAR, Radko - KLEMENT, Erich Peter. A note on a generalized Frank functional equation. In *Fuzzy Sets and Systems*. Vol. 335, (2018), s. 48-54. ISSN 0165-0114 (2018: 2.907 - IF, Q1 - JCR Best Q, 1.347 - SJR, Q1 - SJR Best Q). V databáze: CC: 000427469700005 ; SCOPUS: 2-s2.0-85010483254 ; DOI: 10.1016/j.fss.2017.01.005.

ADC44   SESMA-SARA, Mikel - DE MIGUEL, Laura - PAGOLA, Miguel - BURUSCO, Ana - MESIAR, Radko - BUSTINCE, Humberto. New measures for comparing matrices and their application to image processing. In *Applied Mathematical Modelling*. Vol. 61, (2018), s. 498-520. ISSN 0307-904X (2018: 2.841 - IF, Q1 - JCR Best Q, 0.873 - SJR, Q1 - SJR Best Q). V databáze: CC: 000438480400027 ; SCOPUS: 2-s2.0-85047760297 ; DOI: 10.1016/j.apm.2018.05.006.

ADC45   ŠIPOŠOVÁ, Alexandra - ŠIRÁŇ, Jozef. Continuous functions with given super-additive and sub-additive transformations. In *International Journal of General Systems*. Vol. 47, no. 8 (2018), s. 842-848. ISSN 0308-1079 (2018: 2.259 - IF, Q2 - JCR Best Q, 0.855 - SJR, Q1 - SJR Best Q). V databáze: CC: 000448081800006 ; SCOPUS: 2-s2.0-85054379642 ; DOI: 10.1080/03081079.2018.1524469.

ADC46   TAKÁČ, Zdenko - MINÁROVÁ, Mária - MONTERO, Javier - BARRENECHEA, Edurne - FERNANDEZ, Javier - BUSTINCE, Humberto. Interval-valued fuzzy strong S-subsethood measures, interval-entropy and P-interval-entropy. In *Information Sciences*. Vol. 432, (2018), s. 97-115. ISSN 0020-0255 (2018: 5.524 - IF, Q1 - JCR Best Q, 1.620 - SJR, Q1 - SJR Best Q). V databáze: CC: 000424188400006 ; SCOPUS: 2-s2.0-85037676534 ; DOI: 10.1016/j.ins.2017.12.015.

ADC47   WANG, Jian - KALINA, Martin - MESIAR, Radko - JIN, LeSheng. On some characteristics and related properties for OWF and RIM quantifier. In *International Journal of Intelligent Systems*. Vol. 33, no. 6 (2018), s. 1283-1300. ISSN 0884-8173 (2018: 7.229 - IF, Q1 - JCR Best Q, 1.297 - SJR, Q1 - SJR Best Q). V databáze: CC: 000430391700008 ; SCOPUS: 2-s2.0-85043762971 ; DOI: 10.1002/int.21982.

ADE Vedecké práce v ostatných zahraničných časopisoch
ADE01   HRIŇÁKOVÁ, Katarína - KNOR, Martin - ŠKREKOVSKI, Riste. On a conjecture about the ratio of Wiener index in iterated line graphs. In *The Art of Discrete and Applied Mathematics [elektronický zdroj]*. Vol. 1, no. 1 (2018), online, [9] s. ISSN 2590-9770. V databáze: DOI: 10.26493/2590-9770.1257.dda.

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ADM Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS
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BCI Skriptá a učebné texty

BCI01   MÉSZÁROSOVÁ, Katarína - RÜCKSCHLOSSOVÁ, Tatiana - TEREŇOVÁ, Zuzana. *Deskriptívna geometria II : Druhá časť - Priamkové, translačné, klinové a kanálové plochy* [elektronický zdroj]. 1. vyd. Bratislava : Spektrum STU, 2018. CD-ROM, online, 427 s. Edícia skrípt. Dostupné na internete: <http://www.math.sk/skriptaDG2/2/>. ISBN 978-80-227-4767-7.

BCI02   VAJSÁBLOVÁ, Margita - SZATMÁRI, Daniel. *Matematická kartografia v príkladoch*. 1. vyd. Bratislava : Spektrum STU, 2018. 134 s. Edícia skrípt. ISBN 978-80-227-4857-5.

BDF Odborné práce v ostatných domácich časopisoch

BDF01   HRIŇÁKOVÁ, Katarína. Bratislavská integrovaná doprava. In *MATMIX*. Roč. 23, č. 4 (2018), s. 13-14. ISSN 1336-7854.

BEE Odborné práce v zahraničných zborníkoch (konferenčných aj nekonferenčných)

BEE01   HUBOVÁ, Oľga - MACÁK, Marek. Numerical and Experimental Investigation of Energy Potential of High-Rise Building Using IRWES System. In *WINERCOST ´18 [elektronický zdroj] : proceeding of the International Conference on Wind Energy Harvesting. 21-23 March 2018, Catanzaro Lido, Italy*. 1. vyd. Brusel : European Cooperation in Science and Technology, 2018, USB kľúč, s. 99-106.

BEE02   TORRA, Vicenc - MESIAR, Radko - DE BAETS, Bernard. Preface. In *Aggregation Functions in Theory and in Practice : 9th International Summer School on Aggregation Functions, Skövde, Sweden, 19-22 June 2017*. 1. vyd. Cham (Switzerland) : Springer International Publishing AG, 2018, [1] s. ISSN 2194-5357. ISBN 978-3-319-59305-0.

BEF Odborné práce v domácich zborníkoch (konferenčných aj nekonferenčných)

BEF01   MESIAR, Radko - SAMINGER-PLATZ, Susanne - STRUK, Peter. Preface. In *FSTA 2018 : abstracts. Fourteenth International Conference on Fuzzy Set Theory and Applications. January 28 - February 2, 2018, Liptovský Ján, Slovak Republic*. 1. vyd. Liptovský Mikuláš : Armed Forces Academy of General M. R. Štefánik, 2018, S. 3. ISBN 978-80-8040-560-1.

BFA Abstrakty odborných prác zo zahraničných podujatí (konferencie...)

BFA01   OLEJNICZAK, Paweł - SAMULAK, E. - PETRÁŠOVÁ-ŠIBÍKOVÁ, Mária - BACIGÁL, Tomáš - NECHAJ, J. - ŠIBÍK, Jozef - FRANKLIN, Scott B. Clonal plant response to disturbance in the montane spruce forests of the Tatras (Slovakia). In *Natural Ecosystems as Benchmarks for Vegetation Science : abstracts. 61st Annual Symposium of International Association for Vegetation Science. Bozeman, Montana, USA, 22-27 July, 2018*. 1. vyd. [s.l.] : International Association for Vegetation Science (IAVS), 2018, S. 179.

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

FAI01   KALINA, Martin (ed.) - STAŠOVÁ, Oľga (ed.) - ŠELIGA, Adam (ed.). *CSASC 2018 : book of abstracts. Bratislava, SR, 11. - 14. 9. 2018*. 1. vyd. Bratislava : Jednota slovenských matematikov a fyzikov, 2018. 155 s. ISBN 978-80-89829-05-7.

FAI02   MESIAR, Radko (ed.) - SAMINGER-PLATZ, Susanne (ed.) - STRUK, Peter (ed.). *FSTA 2018 : abstracts. Fourteenth International Conference on Fuzzy Set Theory and Applications. January 28 - February 2, 2018, Liptovský Ján, Slovak Republic*. 1. vyd. Liptovský Mikuláš : Armed Forces Academy of General M. R. Štefánik, 2018. 105 s. ISBN 978-80-8040-560-1.

FAI03   TORRA, Vicenc (ed.) - DE BAETS, Bernard (ed.) - MESIAR, Radko (ed.). *Aggregation Functions in Theory and in Practice : 9th International Summer School on Aggregation Functions, Skövde, Sweden, 19-22 June 2017*. 1. vyd. Cham (Switzerland) : Springer International Publishing AG, 2018. 264 s. Advances in Intelligent Systems and Computing, vol. 581. Dostupné na internete: <https://link.springer.com/content/pdf/10.1007%2F978-3-319-59306-7.pdf>. ISBN 978-3-319-59305-0. ISSN 2194-5357. V databáze: DOI: 10.1007/978-3-319-59306-7.

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

GII01   HRIŇÁKOVÁ, Katarína - HRIŇÁK, Martin. Kanárske ostrovy. In *Mladý vedec*. č. 37 (2018), s. 2-5. ISSN 1337-5873.

GII02   HRIŇÁKOVÁ, Katarína - HRIŇÁK, Martin. Tenerife. In *Mladý vedec*. č. 38 (2018), s. 2-8. ISSN 1337-5873.

GII03   HRIŇÁKOVÁ, Katarína - HRIŇÁK, Martin. Nobelova cena za fyziku 2018. In *Mladý vedec*. č. 39 (2018), s. 2-5. ISSN 1337-5873.

Štatistika: kategória publikačnej činnosti

ABC	Kapitoly vo vedeckých monografiách vydané v zahraničných vydavateľstvách	1
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BFA	Abstrakty odborných prác zo zahraničných podujatí (konferencie...)	1
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