

## Е 1.2.2 а:

### Научни публикации в списания, индексирани от WoS или Scopus, които попадат в категория Q1, но не оглавяват ранглистата (публикувани)

- **Звено:** ( ИМИ ) Институт по математика и информатика
- **Тип на публикацията:**
  - Глава от научна монография
  - Студия в научно списание
  - Статия в научно списание
  - Статия в сборник на научен форум
  - Студия в тематичен сборник
  - Статия в тематичен сборник
  - Научно съобщение
- **Статус на изданието:** Q1, не оглавява ранглистата
- **Година на публикуване:** 2019 ÷ 2019
- **Тип записи:** Записи, които влизат в отчета на звеното

№	Публикация	Коригирац Коефициент	Процент автори от звеното
1	<b>Bazhlekova, E., Bazhlev, I.</b> Subordination approach to space-time fractional diffusion. Mathematics, 7, 5, MDPI, 2019, ISSN:2227-7390, DOI:10.3390/math7050415, 415. SJR (Scopus):0.244, JCR-IF (Web of Science):1.105 <b>Q1, не оглавява ранглистата (Web of Science)</b> <a href="#">Линк</a>	1.000	100.00
2	<b>Borisov, M, Dimitriu, G, Rashkov, P.</b> Modelling the Host Immune Response to Mature and Immature Dengue Viruses. Bull. Math. Biol., 81, 12, Springer US, 2019, ISSN:0092-8240, DOI:10.1007/s11538-019-00664-3, 4951-4976. SJR (Scopus):0.65, JCR-IF (Web of Science):1.643 <b>Q1, не оглавява ранглистата (Scopus)</b> <a href="#">Линк</a>	1.000	66.67
3	<b>Boyuvalenkov, P., P. Dragnev, D. Hardin, E. Saff, M. Stoyanova.</b> Energy bounds for codes in polynomial metric spaces. Analysis and Mathematical Physics, 9, 2, Springer, 2019, ISSN:1664-2368, DOI:10.1007/s13324-019-00313-x, 781-808. SJR (Scopus):0.453, JCR-IF (Web of Science):1.792 <b>Q1, не оглавява ранглистата (Web of Science)</b> <a href="#">Линк</a>	1.000	20.00
4	<b>Chipchakov, I.D.</b> On Brauer p-dimensions and absolute Brauer p-dimensions of Henselian fields. Journal of Pure and Applied Algebra, 223, 1, Elsevier, 2019, ISSN:ISSN: 0022-4049, DOI:https://doi.org/10.1016/j.jpaa.2018.02.032, 10-29. SJR (Scopus):1.269, JCR-IF (Web of Science):0.72 <b>Q1, не оглавява ранглистата (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
5	<b>Davidov, J.</b> Generalized metrics and generalized twistor spaces. Mathematische Zeitschrift, 291, 1-2, Springer, 2019, ISSN:1432-1823, DOI:https://doi.org/10.1007/s00209-018-2071-8, 17-46. SJR (Scopus):1.53, JCR-IF (Web of Science):0.832 <b>Q1, не оглавява ранглистата (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
6	<b>Dontchev, A., Kolmanovsky, I., Krastanov, M., Nicotra, M., Veliov, V.</b> Lipschitz Stability in Discretized Optimal Control with Application to SQP Read More: https://epubs.siam.org/doi/abs/10.1137/18M1188483. SIAM Journal on Control and Optimization, 57, 1, 2019, ISSN:0363-0129, DOI:doi.org/10.1137/18M1188483, 468-489. JCR-IF (Web of Science):1.594 <b>Q1, не оглавява ранглистата (Web of Science)</b> <a href="#">Линк</a>	1.000	60.00
7	<b>Draganov, B.R.</b> Simultaneous approximation by Bernstein polynomials with integer coefficients. J. Approx. Theory, 237, Elsevier, 2019, ISSN:0021-9045, DOI:https://doi.org/10.1016/j.jat.2018.08.003, 1-16. SJR (Scopus):0.907, JCR-IF (Web of Science):0.939 <b>Q1, не оглавява ранглистата (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
8	<b>Drensky, V., E. Hristova.</b> Noncommutative invariant theory of symplectic and orthogonal groups. Linear Algebra and its Applications, 581, Elsevier, 2019, ISSN:0024-3795; 1873-1856, DOI:10.1016/j.laa.2019.07.013, 198-213. SJR (Scopus):0.822, JCR-IF (Web of Science):0.977 <b>Q1, не оглавява ранглистата (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
9	<b>Filev, V., Radoslav C. Raskov.</b> Critical point in a holographic defect field theory. Journal of High Energy Physics, 2019, 11, Springer, 2019, ISSN:1029-8479, DOI:10.1007/JHEP11(2019)027, Art. 27. SJR (Scopus):1.02, JCR-IF (Web of Science):5.833 <b>Q1, не оглавява ранглистата (Web of Science)</b> <a href="#">Линк</a>	1.000	50.00

10	<b>Georgieva, I., Hofreither, C.</b> Greedy low-rank approximation in Tucker format of solutions of tensor linear systems. Journal of Computational and Applied Mathematics, 358, Elsevier, 2019, DOI:https://doi.org/10.1016/j.cam.2019.03.002, 206-220. SJR (Scopus):1.883 <b>Q1, не оглавява ранглистата (Scopus)</b> <a href="#">Линк</a>	1.000	50.00
11	<b>Ivanov, S., Minchev, I., Vassilev, D.</b> Non-umbilical quaternionic contact hypersurfaces in hyper-Kähler manifolds. International Mathematics Research Notices, 18, Oxford Univ. Press, 2019, ISSN:1073-7928, DOI:10.1093/imrn/rnx279, 5649-5673. SJR (Scopus):1.9, JCR-IF (Web of Science):1.452 <b>Q1, не оглавява ранглистата (Web of Science)</b> <a href="#">Линк</a>	1.000	33.33
12	<b>Ivanov, S., Ugarte, L.</b> On the Strominger System and Holomorphic Deformations. Journal of Geometric Analysis, 29, 2019, ISSN:1050-6926, DOI:10.1007/s12220-018-0023-5, 917-935. SJR (Scopus):1.62, JCR-IF (Web of Science):0.959 <b>Q1, не оглавява ранглистата (Scopus)</b> <a href="#">Линк</a>	1.000	50.00
13	<b>Ivanova-Rohling, V., Rohling, N.</b> Optimal choice of state tomography quorum formed by projection operators. Physical Review A, 100, 3, American Physical Society, 2019, ISSN:24699934, 24699926, DOI:https://doi.org/10.1103/PhysRevA.100.032332, 032332. SJR (Scopus):0.105 <b>Q1, не оглавява ранглистата (Scopus)</b> <a href="#">Линк</a>	1.000	50.00
14	<b>Kolkovska N., Vucheva V.</b> Invariant preserving schemes for double dispersion equations. Advances in Difference Equations, Springer, 2019, JCR-IF (Web of Science):1.51 <b>Q1, не оглавява ранглистата (Web of Science)</b> <a href="#">Линк</a>	1.000	100.00
15	<b>Kounchev, O., Render, H.</b> Interpolation of data functions on parallel hyperplanes. Journal of Approximation Theory, 246, Elsevier, 2019, DOI:https://doi.org/10.1016/j.jat.2019.06.001, 43-61. SJR (Scopus):0.84, JCR-IF (Web of Science):1.002 <b>Q1, не оглавява ранглистата (Scopus)</b> <a href="#">Линк</a>	1.000	50.00
16	<b>Nikolov, N, P. J. Thomas.</b> Comparison of the Bergman kernel and the Caratheodory-Eisenman volume. Proceedings of the American Mathematical Society, 147, 11, 2019, ISSN:1088-6826(online) 0002-9939(print), DOI:10.1090/proc/14604, 4915-4919. SJR (Scopus):1.108, JCR-IF (Web of Science):0.813 <b>Q1, не оглавява ранглистата (Scopus)</b> <a href="#">Линк</a>	1.000	50.00
17	<b>Порова, E.D.</b> Algebraic Solution to Interval Equilibrium Equations of Truss Structures. Applied Mathematical Modelling, 65, Elsevier, 2019, ISSN:0307-904X, DOI:10.1016/j.apm.2018.08.021, 489-506. JCR-IF (Web of Science):2.841 <b>Q1, не оглавява ранглистата (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
18	<b>Порова, E.D.</b> Rank one interval enclosure of the parametric united solution set. BIT Numerical Mathematics, 59, 2, Springer, 2019, ISSN:0006-3835, DOI:10.1007/s10543-018-0739-4, 503-521. SJR (Scopus):0.96, JCR-IF (Web of Science):1.451 <b>Q1, не оглавява ранглистата (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
19	<b>Slavova, A., Popivanov, P.</b> Regularity and solvability of pseudo-differential operators with double characteristics. Mediterranean Journal of Mathematics, 16, 5, Springer, 2019, ISSN:1660-5446, DOI:10.1007/s00009-019-1396-9, 121. JCR-IF (Web of Science):1.181 <b>Q1, не оглавява ранглистата (Web of Science)</b> <a href="#">Линк</a>	1.000	100.00
20	<b>Slavova, A., Agranovich, G., Litsyn, E.</b> Dynamical behavior of integro-differential boundary value problem arising in nano-structures via Cellular Nanoscale Network approach. Journal of Computational and Applied Mathematics, 352, Elsevier, 2019, ISSN:0377-0427, DOI:https://doi.org/10.1016/j.cam.2018.11.024, 62-71. JCR-IF (Web of Science):1.883 <b>Q1, не оглавява ранглистата (Web of Science)</b> <a href="#">Линк</a>	1.000	33.33
21	<b>Zaevski, T.</b> A new form of the early exercise premium for American type derivatives. Chaos, Solitons & Fractals, 123, June 2019, Elsevier, 2019, ISSN:0960-0779, DOI:https://doi.org/10.1016/j.chaos.2019.04.024, 338-340. SJR (Scopus):0.818, JCR-IF (Web of Science):3.064 <b>Q1, не оглавява ранглистата (Web of Science)</b> <a href="#">Линк</a>	1.000	100.00
22	<b>Zaevsky, T., Kounchev, O., Savov, M.</b> Two frameworks for pricing defaultable derivatives. Chaos, Solitons and Fractals, 123, June 2019, Elsevier, 2019, ISSN:0960-0779, DOI:https://doi.org/10.1016/j.chaos.2019.04.025, 309-319. JCR-IF (Web of Science):3.064 <b>Q1, не оглавява ранглистата (Web of Science)</b> <a href="#">Линк</a>	1.000	100.00
23	<b>Albiac, F., Ansorena, J. L., Dilworth, S. J., Kutzarova, D.</b> Building highly conditional almost greedy and quasi-greedy bases in Banach spaces. Journal of Functional Analysis, 276, 6, Elsevier, 2019, ISSN:0022-1236, 1893-1924. SJR (Scopus):2.47, JCR-IF (Web of Science):1.637 <b>Q1, не оглавява ранглистата (Web of Science)</b> <a href="#">Линк</a>	1.000	25.00
24	<b>Barilari, D., Ivanov, S.</b> A Bonnet-Myers type theorem for quaternionic contact structures. Calculus of Variations and Partial Differential Equations, 58, 1, 2019, ISSN:0944-2669, DOI:10.1007/s00526-018-1467-y, 37. SJR (Scopus):2.841, JCR-IF (Web of Science):1.652 <b>Q1, не оглавява ранглистата (Web of Science)</b> <a href="#">Линк</a>	1.000	50.00
25	<b>Berdysheva, Elena E., Dyn, Nira, Farkhi, Elza, Mokhov, Alona.</b> Metric approximation of set-valued functions of bounded variation. J. Comput. Appl. Math., 349, Elsevier, 2019, ISSN:0377-0427 / 1879-1778, DOI:https://doi.org/10.1016/j.cam.2018.09.039, 251-264. SJR (Scopus):0.849, JCR-IF (Web of Science):1.883 <b>Q1, не оглавява ранглистата (Scopus)</b> <a href="#">Линк</a>	1.000	25.00
26	<b>Chan, C., V. Drensky, A. Edelman, R. Kan, P. Koev.</b> A linear-time algorithm for evaluating series of Schur functions. Journal of Algebraic Combinatorics, 50, 2, Springer Verlag, 2019, ISSN:0925-9899; 1572-9192, DOI:10.1007/s10801-018-0846-y, 127-141. SJR (Scopus):1.009, JCR-IF (Web of Science):0.854 <b>Q1, не оглавява ранглистата (Scopus)</b> <a href="#">Линк</a>	1.000	20.00

27	Chekhlov, A. R., <b>Danchev, P. V.</b> . On commutator Krylov transitive and commutator weakly transitive Abelian p-groups. Forum Mathematicum, 31, 6, 2019, ISSN:0933-7741, DOI:10.1515/forum-2019-0066, 1607-1623. SJR (Scopus):0.898, JCR-IF (Web of Science):0.867 <b>Q1, не оглавява ранглистата (Scopus)</b> <a href="#">Линк</a>	1.000	50.00
28	Dimitrov, N.D., <b>Tersian, S.A.</b> . Homoclinic solutions for a class of nonlinear fourth order p-Laplacian differential equations. Applied Mathematics Letters, Volume 96, October 2, Elsevier, 2019, ISSN:08939659, DOI:10.1016/j.aml.2019.05.004, 208-215. JCR-IF (Web of Science):3.487 <b>Q1, не оглавява ранглистата (Web of Science)</b> <a href="#">Линк</a>	1.000	50.00
29	Doneva, D, <b>Yazadjiev, S.</b> Dark compact objects in massive tensor-multi-scalar theories of gravity. Physical Review D, 99, 8, American Physical Society, 2019, ISSN:2470-0029, DOI:10.1103/PhysRevD.99.084011, 084011. SJR (Scopus):1.703, JCR-IF (Web of Science):4.368 <b>Q1, не оглавява ранглистата (Web of Science)</b> <a href="#">Линк</a>	1.000	50.00
30	Doneva, D, Staykov, K, <b>Yazadjiev, S.</b> Gauss-Bonnet black holes with a massive scalar field. Physical Review D, 99, 10, American Physical Society, 2019, ISSN:2470-0029, DOI:10.1103/PhysRevD.99.104045, 104045. SJR (Scopus):1.703, JCR-IF (Web of Science):4.368 <b>Q1, не оглавява ранглистата (Web of Science)</b> <a href="#">Линк</a>	1.000	33.33
31	Feinauer, J., Hein, S., Rave, S., Schmidt, S., Westhoff, D., Zausch, J., <b>Iliev, O.P.</b> , Latz, A., Ohlberger, M., Schmidt, V.. MULTIBAT: Unified workflow for fast electrochemical 3D simulations of lithium-ion cells combining virtual stochastic microstructures, electrochemical degradation models and model order reduction. Journal of Computational Science, 31, Elsevier, 2019, ISSN:1877-7503, DOI:10.1016/j.jocs.2018.03.006, 172-184. SJR (Scopus):0.581, JCR-IF (Web of Science):1.92 <b>Q1, не оглавява ранглистата (Scopus)</b> <a href="#">Линк</a>	1.000	10.00
32	Fernandez, M., <b>Ivanov, S.</b> , Munoz, V.. Formality of 7-dimensional 3-Sasakian manifolds. Annali della Scuola Normale Superiore di Pisa - Classe di Scienze, 19, 1, 2019, ISSN:0391-173X, DOI:10.2422/2036-2145.201702_015, 297-309. SJR (Scopus):1.296, JCR-IF (Web of Science):0.802 <b>Q1, не оглавява ранглистата (Scopus)</b> <a href="#">Линк</a>	1.000	33.33
33	Gyulchev, G, Nedkova, P, Vetsov, C, <b>Yazadjiev, S.</b> Image of the Janis-Newman-Winicour naked singularity with a thin accretion disk. Physical Review D, 100, 2, American Physical Society, 2019, ISSN:2470-0029, DOI:10.1103/PhysRevD.100.024055, 024055. SJR (Scopus):1.703, JCR-IF (Web of Science):4.368 <b>Q1, не оглавява ранглистата (Web of Science)</b> <a href="#">Линк</a>	1.000	25.00
34	Loeffen, R., Patie, P., <b>Savov, M.</b> . Extinction Time of Non-Markovian Self-Similar Processes, Persistence, Annihilation of Jumps and the Fréchet Distribution. Journal of Statistical Physics, 175, 5, Springer US, 2019, ISSN:0022-4715, DOI:https://doi.org/10.1007/s10955-019-02279-3, 1022-1041. SJR (Scopus):0.861, JCR-IF (Web of Science):1.496 <b>Q1, не оглавява ранглистата (Scopus)</b> <a href="#">Линк</a>	1.000	33.33
35	Martinez-Legaz J.E., Roshchina V., <b>Todorov M.I.</b> . On the Structure of Higher Order Voronoi Cells. Journal of Optimization Theory and Applications-JOTA, 183, 1, Springer, 2019, ISSN:0022-3239, DOI:10.1007/s10957-019-01555-2, 24-49. SJR (Scopus):1.086, JCR-IF (Web of Science):1.6 <b>Q1, не оглавява ранглистата (Scopus)</b> <a href="#">Линк</a>	1.000	33.33
36	Motahar, Z, Blazquez-Slacedo, J, Doneva, D, Kunz, J, <b>Yazadjiev, S.</b> Axial quasinormal modes of scalarized neutron stars with massive self-interacting scalar field. Physical Review D, 99, 10, American Physical Society, 2019, ISSN:2470-0029, DOI:https://doi.org/10.1103/PhysRevD.99.104006, 104006. SJR (Scopus):1.703, JCR-IF (Web of Science):4.368 <b>Q1, не оглавява ранглистата (Web of Science)</b> <a href="#">Линк</a>	1.000	20.00
37	Nyamoradi, N., <b>Tersian, S.</b> . Existence of solutions for nonlinear fractional order p-Laplacian differential equations via critical point theory. Fractional Calculus and Applied Analysis, 22, 4, Walter de Gruyter GmbH, Berlin / Boston, 2019, ISSN:1314-2224, DOI:https://doi.org/10.1515/fca-2019-0051, 945-967. JCR-IF (Web of Science):3.514 <b>Q1, не оглавява ранглистата (Web of Science)</b> <a href="#">Линк</a>	1.000	50.00
38	Pappas, G, Doneva, D, Sotiriou, T, <b>Yazadjiev, S.</b> , Kokkotas, K. Multipole moments and universal relations for scalarized neutron stars. Physical Review D, 99, 10, American Physical Society, 2019, ISSN:2470-0029, DOI:10.1103/PhysRevD.99.104014, 104014. SJR (Scopus):1.703, JCR-IF (Web of Science):4.368 <b>Q1, не оглавява ранглистата (Web of Science)</b> <a href="#">Линк</a>	1.000	20.00
39	Patie, P., <b>Savov, M.</b> , Zhao, Y.. Intertwining, excursion theory and Krein theory of strings for non-self-adjoint Markov semigroups. Annals of Probability, 47, 5, 2019, DOI:10.1214/19-AOP1338, 3231-3277. JCR-IF (Web of Science):2.085 <b>Q1, не оглавява ранглистата (Web of Science)</b> <a href="#">Линк</a>	1.000	33.33
40	Popchev, D, Staykov, K, Doneva, D, <b>Yazadjiev, S.</b> Moment of inertia–mass universal relations for neutron stars in scalar-tensor theory with self-interacting massive scalar field. European Physical Journal C, 79, 2, Springer Verlag, 2019, ISSN:1434-6052, DOI:10.1140/epjc/s10052-019-6691-x, 178. SJR (Scopus):1.972, JCR-IF (Web of Science):4.843 <b>Q1, не оглавява ранглистата (Web of Science)</b> <a href="#">Линк</a>	1.000	25.00
Коригиран брой: 40.000			

### Е 1.2.3 а:

## Научни публикации в списания, индексирани от WoS или Scopus, които попадат в категория Q2 (публикувани)

- **Звено:** ( ИМИ ) Институт по математика и информатика
- **Тип на публикацията:**
  - Глава от научна монография
  - Студия в научно списание
  - Статия в научно списание
  - Статия в сборник на научен форум
  - Студия в тематичен сборник
  - Статия в тематичен сборник
  - Научно съобщение
- **Статус на изданието:** Q2
- **Година на публикуване:** 2019 ÷ 2019
- **Тип записи:** Записи, които влизат в отчета на звеното

№	Публикация	Коригиращ Коефициент	Процент автори от звеното
1	<b>Baicheva, T., S. Topalova.</b> Classification of optimal $(v, k, 1)$ binary cyclically permutable constant weight codes with $k=5, 6$ and $7$ and small lengths. <i>Designs Codes and Cryptography</i> , 87, 2-3, Springer US, 2019, ISSN:0925-1022, 1573-7586, DOI: <a href="https://doi.org/10.1007/s10623-018-0534-x">https://doi.org/10.1007/s10623-018-0534-x</a> , 365-374. SJR (Scopus):0.549, JCR-IF (Web of Science):1.114 <b>Q2 (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
2	<b>Baicheva, T., S. Topalova.</b> On the diffusion property of the Improved Generalized Feistel with different permutations for each round. <i>LNCS, Algebraic Informatics</i> , 11545, Springer, 2019, ISBN:978-3-030-21362-6, 978-3-030-21363-3 (eBook), ISSN:0302-9743, 1611-3349 (electronic), 38-49. SJR (Scopus):0.28 <b>Q2 (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
3	<b>Bazhleкова, E.</b> Subordination principle for space-time fractional evolution equations and some applications. <i>Integral Transforms and Special Functions</i> , 30, 6, 2019, ISSN:1065-2469, DOI:10.1080/10652469.2019.1581186, 431-452. SJR (Scopus):0.68, JCR-IF (Web of Science):0.812 <b>Q2 (Web of Science)</b> <a href="#">Линк</a>	1.000	100.00
4	<b>Borislav R. Draganov, Ivan Gadjev.</b> Approximation of Functions by the Szász-Mirakjan-Kantorovich Operator. <i>Numerical Functional Analysis and Optimization</i> , 40, 7, Taylor & Francis, 2019, ISSN:0163-0563 (Print) 1532-2467 (Online), DOI: <a href="https://doi.org/10.1080/01630563.2018.1557203">https://doi.org/10.1080/01630563.2018.1557203</a> , 803-824. SJR (Scopus):0.48, JCR-IF (Web of Science):0.827 <b>Q2 (Scopus)</b> <a href="#">Линк</a>	1.000	50.00
5	<b>Borisov, Milen K., Neli S. Dimitrova, Mikhail I. Krastanov.</b> Model-based stabilization of a fermentation process using output feedback with discrete time delay. <i>Lecture Notes in Computer Science</i> , 11189, Springer, 2019, ISBN:978-3-030-10692-8, ISSN:03029743, DOI: <a href="https://doi.org/10.1007/978-3-030-10692-8_38">https://doi.org/10.1007/978-3-030-10692-8_38</a> , 342-350. SJR (Scopus):0.295 <b>Q2 (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
6	<b>Boyadzhiev, G., N. Kutev.</b> Strong Interior and Boundary Maximum Principle for Weakly Coupled Linear Cooperative Elliptic Systems. <i>Comptes rendus de l'Academie bulgare des Sciences</i> , 72, 7, Academic Publishing House, 2019, ISSN:1310-1331, DOI:10.7546/CRABS.2019.07.02, 861-870. SJR (Scopus):0.205, JCR-IF (Web of Science):0.32 <b>Q2 (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
7	<b>Boyvvalenkov, P., P. Dragnev, D. Hardin, E. Saff, M. Stoyanova.</b> On spherical codes with inner products in a prescribed interval. <i>Designs, Codes and Cryptography</i> , 87, 2-3, Springer, 2019, ISSN:0925-1022 (Print) 1573-7586 (Online), DOI:10.1007/s10623-018-0524-z, 299-315. SJR (Scopus):0.743, JCR-IF (Web of Science):1.224 <b>Q2 (Web of Science)</b> <a href="#">Линк</a>	1.000	20.00
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Коригиран брой: 37.000			

## Е 1.2.4 а:

### Научни публикации в списания, индексирани от WoS или Scopus, които попадат в категория Q3 (публикувани)

- **Звено: ( ИМИ )** Институт по математика и информатика
- **Тип на публикацията:**
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  - Статия в научно списание
  - Статия в сборник на научен форум
  - Студия в тематичен сборник
  - Статия в тематичен сборник
  - Научно съобщение
- **Статус на изданието:** Q3
- **Година на публикуване:** 2019 ÷ 2019
- **Тип записи:** Записи, които влизат в отчета на звеното

№	Публикация	Коригиращ Коефициент	Процент автори от звеното
1	<b>Andonov, V., Poryazov, S., Saranova, E.</b> Generalized net representations of elements of service systems theory. Advanced Studies in Contemporary Mathematics (Kyungshang), 29, 2, JANGJEON PRESS, DAEGU-HAPCHEON, KOREA, 2019, ISSN:1229-3067, DOI:10.17777/ascm2019.29.2.179, 179-189. SJR (Scopus):0.28 <b>Q3 (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
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23	Chekhlov, A. R., <b>Danchev, P. V.</b> n-Hopfian and n-co-Hopfian abelian groups. Hacettepe J. Math. & Stat., 48, 2, 2019, ISSN:1303-5010, DOI:10.15672/HJMS.2017.535, 479-489. JCR-IF (Web of Science):0.605 <b>Q3 (Scopus)</b> <a href="#">Линк</a>	1.000	50.00
24	Chekhlov, A. R., <b>Danchev, P. V.</b> The strongly invariant extending property for abelian groups. Quaest. Math., 42, 8, 2019, ISSN:1607-3606, DOI:10.2989/16073606.2018.1503200, 997-1017. JCR-IF (Web of Science):0.619 <b>Q3 (Scopus)</b> <a href="#">Линк</a>	1.000	50.00
25	Garvanova, M., <b>Shishkov, B.B.</b> Capturing Human Authority and Responsibility by Considering Composite Public Values. Proceedings of the Ninth International Symposium on Business Modeling and Software Design – BMSD 2019, Lisbon, Portugal, July 1-3, 2019, LNBIP, Volume 356, Springer, Cham, 2019, ISBN:978-3-030-24853-6, ISSN:1865-1348, DOI:https://doi.org/10.1007/978-3-030-24854-3_22, 290-298. SJR (Scopus):0.24 <b>Q3 (Scopus)</b> <a href="#">Линк</a>	1.000	50.00
26	Krachunov, M., <b>Nisheva, M., Vassilev, D.</b> Machine Learning Models for Error Detection in Metagenomics and Polyploid Sequencing Data. Information, 10, 3, MDPI, 2019, ISSN:2078-2489, DOI:doi: 10.3390/info10030110, SJR (Scopus):0.222 <b>Q3 (Scopus)</b> <a href="#">Линк</a>	1.000	33.33
27	Lilkova, E., Petkov, P., <b>Ilieva, N., Krachmarova, E., Nacheva, G., Litov, L.</b> Molecular modeling of the effects of glycosylation on the structure and dynamics of human interferon-gamma. Journal of Molecular Modeling, 25, 5, 2019, ISSN:1610-2940, DOI:10.1007/s00894-019-4013-8, 127. JCR-IF (Web of Science):1.507 <b>Q3 (Web of Science)</b> <a href="#">Линк</a>	1.000	16.67
28	Mihaylov, I., <b>Nisheva, M., Vassilev, D.</b> Application of Machine Learning Models for Survival Prognosis in Breast Cancer Studies. Information, 10, 3, MDPI, 2019, ISSN:2078-2489, DOI:doi:10.3390/info10030093, SJR (Scopus):0.222 <b>Q3 (Scopus)</b> <a href="#">Линк</a>	1.000	33.33
29	Phusanga D., <b>J. Koppitz.</b> Some varieties of algebraic systems of type ((n), (m)). Asian-European Journal of Mathematics, 12, 1, World Scientific Publishing Company, 2019, ISSN:1793-5571, DOI:10.1142/S1793557119500050, 1950005-1-1950005-7. SJR (Scopus):0.17 <b>Q3 (Scopus)</b> <a href="#">Линк</a>	1.000	50.00
30	Phusanga, D., <b>Koppitz, J.</b> The semigroup of linear terms. Asian-European Journal of Mathematics, 12, 7, World Scientific Publishing Company, 2019, ISSN:1793-5571, 2050005. SJR (Scopus):0.265 <b>Q3 (Scopus)</b> <a href="#">Линк</a>	1.000	50.00



31	Worawiset S., <b>Koppitz, J.</b> , S. Chotchaisthit. THE CLASS OF ALL SEMIGROUPS RELATED TO SEMIHYPERGROUPS OF ORDER 2. <i>Mathematica Slovaca</i> , 69, 2, De Gruyter, 2019, ISSN:1337-2211, DOI:10.1515/ms-2017-0229, 371-380. JCR-IF (Web of Science):0.314 <b>Q3 (Scopus)</b> <a href="#">Линк</a>	1.000	33.33
32	Zhuchok Y., <b>J. Koppitz</b> . Representations of ordered doppelsemigroups by binary relations. <i>Algebra and Discrete Mathematics</i> , 27, 1, Institute of Applied Mathematics And Mechanics of the National Academy of Sciences of Ukraine, 2019, ISSN:1726-3255, 144-154. SJR (Scopus):0.241 <b>Q3 (Scopus)</b> <a href="#">Линк</a>	1.000	50.00
33	Zhuchok, A.V., <b>Koppitz, J.</b> . Free products of n-tuple semigroups (engl.). <i>Ukrainian Mathematical Journal</i> , 70, 11, Springer, 2019, ISSN:0041-5995, DOI:10.1007/s11253-019-01601-2, 1710-1726. SJR (Scopus):0.362 <b>Q3 (Scopus)</b> <a href="#">Линк</a>	1.000	50.00
Коригиран брой: 33.000			

## Е 1.2.5 а:

### Научни публикации в списания, индексирани от WoS или Scopus, които попадат в категория Q4 (публикувани)

- **Звено: ( ИМИ )** Институт по математика и информатика
- **Тип на публикацията:**
  - Глава от научна монография
  - Студия в научно списание
  - Статия в научно списание
  - Статия в сборник на научен форум
  - Студия в тематичен сборник
  - Статия в тематичен сборник
  - Научно съобщение
- **Статус на изданието:** Q4
- **Година на публикуване:** 2019 ÷ 2019
- **Тип записи:** Записи, които влизат в отчета на звеното

№	Публикация	Коригиращ Коефициент	Процент автори от звеното
1	<b>Andonov, V., Poryazov, S.,</b> Otsetova, A., <b>Saranova, E.</b> A Queue in Overall Telecommunication System with Quality of Service Guarantees. Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, 283, Springer, Cham, 2019, ISSN:1867-8211, DOI:10.1007/978-3-030-23976-3_22, 243-262. SJR (Scopus):0.152 <b>Q4 (Scopus)</b> <a href="#">Линк</a>	1.000	75.00
2	<b>Danchev, P. V.</b> n-Torsion regular rings. Buletinul Academiei de Stiinte a Republicii Moldova, 89, 1, 2019, ISSN:1024-7696, 20-29. SJR (Scopus):0.146 <b>Q4 (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
3	<b>Danchev, P. V.</b> On a property of nilpotent matrices over an algebraically closed field. Chebyshevskii Sbornik, 20, 3, 2019, ISSN:2226-8383, DOI:10.22405/2226-8383-2019-20-3-400-403, 400-403. SJR (Scopus):0.187 <b>Q4 (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
4	<b>Danchev, P. V.</b> On exchange $\pi$ -unitary rings. Rend. Sem. Mat. Univ. Politec. Torino, 77, 1, 2019, ISSN:0373-1243, 13-23. SJR (Scopus):0.206 <b>Q4 (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
5	<b>Danchev, P. V.</b> Weakly exchange rings whose units are sums of two idempotents. Vestnik St. Petersburg Univ., Math., Mech. & Astr., 6(64), 2, 2019, ISSN:1025-3106, 265-269. SJR (Scopus):0.241 <b>Q4 (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
6	<b>Drensky, V., Ş. Findik.</b> Classical invariant theory for free metabelian Lie algebras. Journal of Lie theory, 29, 4, Heldermann Verlag, 2019, ISSN:0949-5932, 1071-1092. JCR-IF (Web of Science):0.514 <b>Q4 (Web of Science)</b> <a href="#">Линк</a>	1.000	50.00
7	<b>Ivanov, T.B., Lyutskanova-Zhekova, G.S.</b> Initial calibration of MEMS accelerometers, used for measuring inclination and toolface. Studies in Computational Intelligence, 793, Springer, 2019, DOI:10.1007/978-3-319-97277-0_14, 177-188. SJR (Scopus):0.183 <b>Q4 (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
8	<b>Kamburova, Detelina, Marinov, Rumen.</b> Cournot equilibrium in case of (-1)-concave price function. Mathematica, 61(84), 2, Romanian Academy Publishing House, 2019, ISSN:1222-9016, DOI:10.24193/mathcluj.2019.2.04, SJR (Scopus):0.104 <b>Q4 (Scopus)</b> <a href="#">Линк</a>	1.000	50.00
9	<b>Kostadinov H., Manev N.L.</b> On digital watermarking for audio signals. Studies in Computational Intelligence, 793, Springer International Publishing AG, 2019, ISSN:1860949X, DOI:10.1007/978-3-319-97277-0_19, 231-243. SJR (Scopus):0.184 <b>Q4 (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
10	<b>Nikolov, N. I., Stoimenova, E.</b> EM Estimation of the Parameters in Latent Mallows' Models. Georgiev K., Todorov M., Georgiev I. (eds) Advanced Computing in Industrial Mathematics. BGSIAM 2017, Studies in Computational Intelligence, 793, Studies in Computational Intelligence, Springer, 2019, ISBN:978-3-319-97276-3, DOI:10.1007/978-3-319-97277-0_26, 317-325. SJR (Scopus):0.18, JCR-IF (Web of Science):0.18 <b>Q4 (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
11	<b>Paneva-Konovska J.</b> A survey on Bessel type functions as multi-index Mittag-Leffler functions: Differential and integral relations. International Journal of Applied Mathematics, 32, 3, Academic Publications, 2019, ISSN:1311-1728, DOI:10.12732/ijam.v32i3.1, 357-380. SJR (Scopus):0.111 <b>Q4 (Scopus)</b> <a href="#">Линк</a>	1.000	100.00

12	<b>Slavova, A.</b> , Tetzlaff, R.. Memristor CNNs with hysteresis. Advances Computing in Industrial Mathematics, Springer, 2019, ISBN:978-3-319-97277-0, 383-394. SJR (Scopus):0.184 <b>Q4 (Scopus)</b> <a href="#">Линк</a>	1.000	50.00
13	<b>Tchorbadjieff, A.</b> , Angelov, I.. Change point analysis as a tool to detect abrupt cosmic ray muons variations. Georgiev K., Todorov M., Georgiev I. (eds) Advanced Computing in Industrial Mathematics. BGSIAM 2017, Studies in Computational Intelligence, 793, Springer, 2019, ISBN:978-3-319-97276-3, DOI:10.1007/978-3-319-97277-0_32, 395-406. SJR (Scopus):0.183 <b>Q4 (Scopus)</b> <a href="#">Линк</a>	1.000	50.00
14	<b>Todorov, T., G. Bogdanova,, N. Noev, N. Sabev.</b> Data management in a Holter Monitoring System. TEM JOURNAL - Technology, Education, Management, Informatics, 8, 3, UIKTEN - Association for Information Communication Technology Education and Science., 2019, ISSN:2217-8309, DOI:10.18421/TEM83-15, 801-805. SJR (Scopus):0.148 <b>Q4 (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
15	<b>Tramonti, M., Paneva-Marinova, D.</b> Maths, Art and Technology: a Combination for an Effective Study. TEM Journal, 8, 1, UIKTEN - Association for Information Communication Technology Education and Science,Serbia., 2019, ISSN:2217-8309, DOI:DOI: 10.18421/TEM81-11, 82-86. SJR (Scopus):0.148 <b>Q4 (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
16	Angelov, S., <b>Stoimenova, E.</b> Cross-Validated Sequentially Constructed Multiple Regression. Studies in Computational Intelligence, 793, Springer International Publishing, 2019, ISSN:1860-949X, DOI:https://doi.org/10.1007/978-3-319-97277-0_2, 13-22. SJR (Scopus):0.18, JCR-IF (Web of Science):0.18 <b>Q4 (Scopus)</b> <a href="#">Линк</a>	1.000	50.00
17	Mehraban, Z., Heidarkhani, S., <b>Tersian, S.A.</b> A VARIATIONAL APPROACH TO IMPULSIVE STURM-LIOUVILLE DIFFERENTIAL EQUATIONS WITH NONLINEAR DERIVATIVE DEPENDENCE. International Journal of Applied Mathematics, 32, 5, Academic Publications, 2019, ISSN:1314-8060, DOI:http://dx.doi.org/10.12732/ijam.v32i5.8, 805-828. SJR (Scopus):0.11 <b>Q4 (Scopus)</b> <a href="#">Линк</a>	1.000	33.33
18	Roeva, O., <b>Ikonomov, N.</b> , Vassilev, P.. Discovering Knowledge from Predominantly Repetitive Data by InterCriteria Analysis. Studies in Computational Intelligence, 795, Springer Nature, 2019, ISSN:1860-949X, DOI:10.1007/978-3-319-99648-6_12, 213-233. SJR (Scopus):0.183 <b>Q4 (Scopus)</b> <a href="#">Линк</a>	1.000	33.33
19	Roeva, O., Vassilev, P., <b>Ikonomov, N.</b> , Angelova, M., Su, J., Pencheva, T.. On Different Algorithms for InterCriteria Relations Calculation. Studies in Computational Intelligence, 757, Springer Nature, 2019, ISSN:1860-949X, DOI:10.1007/978-3-319-78931-6_10, 143-160. SJR (Scopus):0.183 <b>Q4 (Scopus)</b> <a href="#">Линк</a>	1.000	16.67
20	Yanovski, A. B., <b>Valchev, T. I.</b> Hermitian and pseudo-Hermitian reduction of the GMV auxiliary system. Spectral properties of the recursion operators. Advances Computing in Industrial Mathematics. BGSIAM 2017. Studies in Computational Intelligence, 793, Springer Verlag, 2019, ISBN:978-3-319-97277-0, DOI:10.1007/978-3-319-97277-0_35, 433-446. SJR (Scopus):0.183 <b>Q4 (Scopus)</b> <a href="#">Линк</a>	1.000	50.00
Коригиран брой: 20.000			

**Е 1.2.6 а:**  
**Научни публикации в издания със SJR в Scopus, неотнесени към квартал**  
**(публикувани)**

- **Звено:** ( ИМИ ) Институт по математика и информатика
- **Тип на публикацията:**
  - Глава от научна монография
  - Студия в научно списание
  - Статия в научно списание
  - Статия в сборник на научен форум
  - Студия в тематичен сборник
  - Статия в тематичен сборник
  - Научно съобщение
- **Статус на изданието:** SJR, непопадащ в Q категория
- **Година на публикуване:** 2019 ÷ 2019
- **Тип записи:** Записи, които влизат в отчета на звеното

№	Публикация	Коригиращ Коефициент	Процент автори от звеното
1	<b>Assen Tchorbadjieff, Ivo Angelov.</b> Space weather study using change point analysis for in situ observations of cosmic rays muons. AIP Conference Proceedings, 2075, 1, American Institute of Physics Inc., 2019, ISSN:0094243X, DOI:https://doi.org/10.1063/1.5091225, 090011. SJR (Scopus):0.182 <b>SJR, непопадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	50.00
2	<b>Bazhleкова, E, Bazhlevkov, I.</b> Analyticity of solution operators to space-time fractional evolution equations. AIP Conference Proceedings, 2172, 2019, ISSN:0094-243X E-ISSN:1551-7616, DOI:10.1063/1.5133523, 050004-1-050004-7. SJR (Scopus):0.182 <b>SJR, непопадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
3	<b>Boyadzhiev, G., N. Kutev.</b> Strong maximum principle for nonlinear cooperative elliptic systems. AIP Conference Proceedings, 2159, 1, AIP Publishing, 2019, ISSN:1551-7616, DOI:10.1063/1.5127470, 030005. SJR (Scopus):0.182 <b>SJR, непопадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
4	<b>Boyadzhiev, G.</b> Existence theorems for cooperative systems of parabolic PDEs and applications in chemistry. AIP Conference Proceedings, 2159, 1, AIP Publishing, 2019, ISSN:1551-7616, DOI:10.1063/1.5127469, 030004. SJR (Scopus):0.182 <b>SJR, непопадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
5	<b>Boyuvalenkov, P., Dragnev, P., Hardin, D., Saff, E., Stoyanova, M.</b> Linear Programming Bounds for Cardinality and Energy of Codes of Given Min and Max Distances. Proceedings of IEEE International Symposium on Information Theory, IEEE, 2019, ISBN:978-1-5386-9291-2, DOI:10.1109/ISIT.2019.8849388, 1747-1751. SJR (Scopus):0.711 <b>SJR, непопадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	20.00
6	<b>Branzov T., Kr. Ivanova, Ml. Georgiev.</b> Service-microservice Basic System Architecture Model for Geoinformation Centers. Proc. of the 19th Interdisciplinary Scientific Geo Conference SGEM 2019, 19, 2.1, 2019, ISBN:978-619-7408-79-9, ISSN:1314-2704, DOI:10.5593/sgem2019/2.1/S07.077, 587-594. SJR (Scopus):0.209 <b>SJR, непопадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
7	<b>Branzov T., Kr. Ivanova.</b> Conceptual Modeling of Crowdsourcing Variations. CEUR Workshop Proceedings, 2464, 2019, ISSN:1613-0073, 7-14. SJR:0.166 <b>SJR, непопадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
8	<b>Dimitrova, N., Zlateva, P.</b> Stability Analysis of a Model for Phenol and Cresol Mixture Degradation. IOP Conference Series: Earth and Environmental Science (EES), 356, 2019, ISSN:1755-1315, SJR (Scopus):0.17 <b>SJR, непопадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
9	<b>Dimova, M., Kolkovska, K., Kutev, N.</b> On the Solvability of Sixth Order Nonlinear Double Dispersive Equations. AIP Conference Proceedings, 2159, 1, American Institute of Physics, 2019, DOI:10.1063/1.5127473, 030008-1-030008-10. SJR (Scopus):0.182 <b>SJR, непопадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	100.00

10	<b>Ganchev, I., Z. Ji, M. O'Droma.</b> Designing an Ultra-Low-Power RTU for Use in NB-IoT Water Applications. MATEC Web of Conferences, 292, 2019, ISSN:0000-2012, DOI:201929202004, 1-4. SJR (Scopus):0.169 <b>SJR, непопадащ в Q категория</b> <a href="#">Линк</a>	1.000	33.33
11	<b>Kaloyanova, K., Maneva, N.</b> Teamwork Assessment for Projects in IS courses. CEUR Workshop Proceedings, 2464, 2019, ISSN:1613-0073, 80-89. SJR (Scopus):0.166 <b>SJR, непопадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
12	<b>Kiryakova, V.</b> Fractional calculus of some "new" but not new special functions: K-, multi-index-, and S-analogues. AIP Conference Proceedings, 2172, Article 0500088, American Institute of Physics, 2019, ISBN:978-0-7354-1919-3, ISSN:00001984, 00002005, 00001983, DOI:10.1063/1.5133527, 0500088-1-0500088-12. SJR (Scopus):0.182 <b>SJR, непопадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
13	<b>Kolkovska, N., V. M. Vassilev.</b> Solitary waves to Boussinesq equation with linear restoring force. 2164, AIP Conference Proceedings, 2019, 110005. SJR (Scopus):0.182 <b>SJR, непопадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	50.00
14	<b>Kutev, N., Rangelov, T.</b> Estimates from below for the first eigenvalue of the p-Laplacian. AIP Conference Proceedings, 2159, 1, American Institute of Physics, 2019, ISBN:978-0-7354-1904-9, ISSN:1551-7616, DOI:https://doi.org/10.1063/1.5127483, 030018-1-030018-15. SJR (Scopus):0.182 <b>SJR, непопадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
15	<b>Paneva-Konovska J.</b> Hyper-Bessel functions as multi-index Mittag-Leffler functions: Integrals and derivatives of arbitrary orders. AIP Conference Proceedings, 2172, AIP Publishing LLC, USA, 2019, ISBN:978-0-7354-1919-3, ISSN:0094-243X, DOI:10.1063/1.5133524, 050005-1-050005-8. SJR (Scopus):0.182 <b>SJR, непопадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
16	<b>Slavova, A., Zafirova, Z., Tetzlaff, R.</b> Edge of chaos in nanoscale memristor CNN. Proceedings- IEEE International Symposium on Circuits and Systems, IEEE, 2019, ISSN:00002019, DOI:10.1109/ISCAS.2019.8702436, 8702436. SJR (Scopus):0.24 <b>SJR, непопадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	66.67
17	<b>Slavova, A., Zafirova, Z.</b> Dynamics of viscoelastic Burgers'cellular neural networks model. AIP Conference Proceedings, 2159, AIP, 2019, ISBN:978-0-7354-1904-9, DOI:10.1063/1.5127496, 030031. SJR (Scopus):0.18 <b>SJR, непопадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
18	<b>Slavova, A., Zafirova, Z.</b> Harmonic balance technique for studying CNN model of differential equations. AIP Conference Proceedings, 2172, AIP, 2019, ISBN:978-0-7354-1919-3, DOI:10.1063/1.5133502, 030013. SJR (Scopus):0.18 <b>SJR, непопадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
19	<b>Slavova, A.</b> Local activity in reaction-diffusion CNN models. AIP Conference Proceedings, 2159, AIP, 2019, ISBN:978-0-7354-1904-9, DOI:10.1063/1.5127495, 030030. SJR (Scopus):0.18 <b>SJR, непопадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
20	<b>Stefanov, A.A., Mladenov, D.M.</b> Euler angles parametrization of a two qubit system. AIP Conference Proceedings, 2159, 1, American Institute of Physics, 2019, ISSN:1551-7616, DOI:10.1063/1.5127498, 030033. SJR (Scopus):0.182 <b>SJR, непопадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	50.00
21	<b>Tersian S., Cabada, A.</b> Homoclinic solutions for fractional Hamiltonian systems via variational method. Proceedings of the 45th International Conference on Application of Mathematics in Engineering and Economics (AMEE'19), AIP Conference Proceedings 2172, 050001 (2019), 2172, AIP Conference Proceedings, 2019, ISSN:0094-243X, DOI:https://doi.org/10.1063/1.5133520, 050001. SJR (Scopus):0.182 <b>SJR, непопадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	50.00
22	<b>Todorov, V., Dimov, I., Dimitrov, Y., Ostromsky, Tz., Georgieva, R.</b> Comparison of Quasi-Monte Carlo Methods Based on Faure and Sobol Sequences for Multidimensional Integrals in Air Pollution Modelling. AIP Conference Proceedings, 2164, 1, 2019, DOI:https://doi.org/10.1063/1.5130792, 030002. SJR (Scopus):0.165 <b>SJR, непопадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	40.00
23	<b>Tsvetkov B., Kostadinov H.</b> DLT smart contract platforms for software lifecycle management. AIP Conference Proceedings, 2164, 2019, 120015. SJR (Scopus):0.182 <b>SJR, непопадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
24	<b>Valchev, T., Myrzakulov, R., Nugmanova, G., Yesmakhanova, K.</b> On Nonlocal Reductions of a Generalized Heisenberg Ferromagnet Equation. AIP Conference Proceedings, 2159, 1, American Institute of Physics Inc., 2019, ISBN:978-073541904-9, ISSN:0094243X, DOI:10.1063/1.5127502, 030037-1-030037-13. SJR (Scopus):0.182 <b>SJR, непопадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	25.00
25	<b>Vucheva, V., Kolkovska, N.</b> A momentum preserving numerical method for the sixth order Boussinesq equation. 2164, AIP Conference Proceedings, 2019, 110014. SJR (Scopus):0.182 <b>SJR, непопадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
26	<b>Zlateva, P., N. Dimitrova, R. Shukerska.</b> Weather Derivatives as Tools for Financial Management of Natural Disaster Risk. 19th International Multidisciplinary Scientific Geoconference (SGEM 2019), 19, 5.3, 2019, ISBN:978-619-7408-86-7, ISSN:1314-2704, DOI:10.5593/sgem2019/5.3/S21.119, 945-952. SJR (Scopus):0.211 <b>SJR, непопадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	66.67



27	Gyulchev Galin, Nedkova Petya, <b>Tinchev V. K., Yazadjiev S. S.</b> Cusp structure in shadows casted by rotating wormholes. AIP Conference Proceedings, 2075, 1, American Institute of Physics, 2019, ISSN:1551-7616, DOI:10.1063/1.5091165, 040005. SJR (Scopus):0.182 <b>SJR, непопадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	50.00
28	Hou, Y., Niemi, A.J., Peng, X., He, J., <b>Ilieva, N.</b> A Novel 3D Visualization Approach: a Proof-of-Concept Study on the Histidine Residues in Myoglobin. AIP Conference Proceedings, 2164, AIP (American Institute of Physics), 2019, DOI:10.1063/1.5130827, 080004. SJR (Scopus):0.182 <b>SJR, непопадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	20.00
29	Mishonov, T. M., <b>Stefanov, A. A.</b> , Petkov, E. G., Dimitrova, I. M., Danchev, V. I., Gourev, V. N., Varonov, A. M.. Manhattan equation for the operational amplifier. AIP Conference Proceedings, 2075, 1, American Institute of Physics, 2019, ISSN:1551-7616, DOI:10.1063/1.5091329, 160002. SJR (Scopus):0.182 <b>SJR, непопадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	14.29
30	Mishonov, T.M., <b>Stefanov, A.A.</b> , Petkov, E.G., Dimitrova, I.M., Danchev, V.I., Gourev, V.N., Mihaylova, N.Zh., Petkov, A.P., Varonov, A.M.. Educational experiment for electron charge $q_e$ measurement via Schottky noise. AIP Conference Proceedings, 2075, 1, American Institute of Physics, 2019, ISSN:1551-7616, DOI:10.1063/1.5091405, 180008. SJR (Scopus):0.182 <b>SJR, непопадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	11.11
31	Mishonov, T.M., <b>Stefanov, A.A.</b> , Petkov, E.G., Dimitrova, I.M., Danchev, V.I., Varonov, A.M.. Master equation for operational amplifiers: Stability of negative differential converters, crossover frequency and pass-bandwidth. AIP Conference Proceedings, 2075, 1, American Institute of Physics, 2019, ISSN:1551-7616, DOI:10.1063/1.5091330, 180008. SJR (Scopus):0.182 <b>SJR, непопадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	16.67
32	Mishonov, T.M., <b>Stefanov, A.A.</b> , Petkov, E.G., Dimitrova, I.M., Gourev, V.N., Varonov, A.M.. Experimental set-up for Boltzmann constant determination by equipartition theorem for capacitors. AIP Conference Proceedings, 2075, 1, American Institute of Physics, 2019, ISSN:1551-7616, DOI:10.1063/1.5091404, 160003. SJR (Scopus):0.182 <b>SJR, непопадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	16.67
Коригиран брой: 32.000			

## Е 1.2.х а:

### Научни публикации в издания, индексирани в WoS или Scopus, но без IF и SJR (публикувани)

- **Звено: ( ИМИ )** Институт по математика и информатика
- **Тип на публикацията:**
  - Глава от научна монография
  - Студия в научно списание
  - Статия в научно списание
  - Статия в сборник на научен форум
  - Студия в тематичен сборник
  - Статия в тематичен сборник
  - Научно съобщение
- **Статус на изданието:** Без JCR или SJR – индексирани в WoS или Scopus
- **Година на публикуване:** 2019 ÷ 2019
- **Тип записи:** Записи, които влизат в отчета на звеното

№	Публикация	Коригиращ Коефициент	Процент автори от звеното
1	<b>Baicheva, T., P. Kazakov.</b> CRC selection for decoding of CRC-polar concatenated codes. ACM ICPS - 9-th Balkan Conference in Informatics, ACM, 2019, ISBN:978-1-4503-7193-3, DOI:10.1145/3351556.3351573, SJR (Scopus):0.17 <b>Без JCR или SJR – индексирани в WoS или Scopus (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
2	<b>Bogdanova, G., T. Todorov, N. Noev.</b> Digital cultural heritage APIs. Digital Preservation and Presentation of Cultural and Scientific Heritage, 9, 9, Sofia, Bulgaria: Institute of Mathematics and Informatics – BAS, 2019, ISSN:1314-4006, 231-236 <b>Без JCR или SJR – индексирани в WoS или Scopus (Web of Science)</b> <a href="#">Линк</a>	1.000	100.00
3	<b>Danchev, P. V., Matczuk, J.</b> n-Torsion clean rings. Contemp. Math., 727, American Mathematical Society, 2019, ISSN:0271-4132, DOI:10.1090/conm/727/14625, 71-82 <b>Без JCR или SJR – индексирани в WoS или Scopus (Web of Science)</b> <a href="#">Линк</a>	1.000	50.00
4	<b>Danchev, P. V.</b> A note on commutative nil-clean corners in unital rings. Bull. Irkutsk State Univ., Ser. Math., 29, 2019, ISSN:1997-7670, DOI:10.26516/1997-7670.2019.29.3, 3-9 <b>Без JCR или SJR – индексирани в WoS или Scopus (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
5	<b>Danchev, P. V.</b> Commutative weakly invo-clean group rings. Ural Math. J., 5, 1, 2019, ISSN:2414-3952, DOI:10.15826/umj.2019.1.005, 48-52 <b>Без JCR или SJR – индексирани в WoS или Scopus (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
6	<b>Danchev, P. V.</b> Decomposing normalized units in commutative modular group rings. Rev. Roumaine Math. Pures Appl., 64, 1, 2019, ISSN:0035-3965, 1-6 <b>Без JCR или SJR – индексирани в WoS или Scopus (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
7	<b>Danchev, P. V.</b> Left-right cleanness and nil-cleanness in unital rings. Bull. Irkutsk State Univ., Ser. Math., 27, 2019, ISSN:1997-7670, DOI:10.26516/1997-7670.2019.27.28, 28-35 <b>Без JCR или SJR – индексирани в WoS или Scopus (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
8	<b>Danchev, P. V.</b> Rings whose elements are linear expressions of three commuting idempotents. Trans. A. Razmadze Math. Inst., 173, 1, 2019, ISSN:2346-8092, 11-16 <b>Без JCR или SJR – индексирани в WoS или Scopus (Web of Science)</b> <a href="#">Линк</a>	1.000	100.00
9	<b>Danchev, P. V.</b> Rings whose elements are sums of four commuting idempotents. Honam Math. J., 41, 2, 2019, ISSN:1225-293X, DOI:10.5831/HMJ.2019.41.2.321, 321-328 <b>Без JCR или SJR – индексирани в WoS или Scopus (Web of Science)</b> <a href="#">Линк</a>	1.000	100.00
10	<b>Derzhanski I., O. Siruk.</b> The Intensifying Prefix pre- in a Corpus of Bulgarian and Ukrainian Parallel Texts. Digital Presentation and Preservation of Cultural and Scientific Heritage, 9, Institute of Mathematics and Informatics, BAS, 2019, ISSN:1314-4006, 177-188 <b>Без JCR или SJR – индексирани в WoS или Scopus (Web of Science)</b> <a href="#">Линк</a>	1.000	100.00
11	<b>Dimitrova, N., Krastanov, M.</b> Model-based Control Strategies for Anaerobic Digestion Processes. Biomath, 8, 2019, ISSN:1314-684X (print), 1314-7218 (online), DOI:http://dx.doi.org/10.11145/j.biomath.2019.07.127, 1907127 <b>Без JCR или SJR – индексирани в WoS или Scopus (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
12	<b>Kouzov, O.</b> The Role of the Educational Multimedia Games to Build Lasting Interest among Young People in the Cultural and Historical Heritage.. Digital Presentation and Preservation of Cultural and Scientific Heritage, 9, Institute of Mathematics and	1.000	100.00

	Informatics, BAS, 2019, ISSN:1314-4006, 153-162 <b>Без JCR или SJR – индексирани в WoS или Scopus (Web of Science)</b> <a href="#">Линк</a>		
13	<b>Lazarov, B.</b> Improving the Attitude towards Mathematics via an ICT Rearrangement of the 8th Grade Math Curriculum. Proceedings of the 11th International Conference on Computer Supported Education Volume 1, Crete – Greece, May 2 - 4, 2019, 1, SCITEPRESS, 2019, ISBN:978-989-758-367-4, DOI:10.5220/0007744203910397, 391-397 <b>Без JCR или SJR – индексирани в WoS или Scopus (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
14	<b>Mayster, P., Tchorbadjieff, A.</b> Logarithmic Lévy process directed by Poisson subordinator. Modern Stochastics: Theory and Applications, 6, 4, VTeX, 2019, ISSN:2351-6046 (Print), DOI:https://doi.org/10.15559/19-VMSTA142, 419-441 <b>Без JCR или SJR – индексирани в WoS или Scopus (Web of Science)</b>	1.000	100.00
15	<b>Moumoutzis, N., Sifakis, Y., Christodoulakis, S., Paneva-Marinova, D.</b> A Reference Framework to Establish and Sustain Online Communities and Its Use. Rich Learning Experiences in History with ViSTPro. Digital Presentation and Preservation of Cultural and Scientific Heritage, 9, Institute of Mathematics and Informatics, BAS, 2019, ISSN:1314-4006, 27-42 <b>Без JCR или SJR – индексирани в WoS или Scopus (Web of Science)</b> <a href="#">Линк</a>	1.000	50.00
16	<b>Noev, N., G. Bogdanova, T. Todorov, N. Sabev.</b> Innovative Approach to the Presentation of Cultural Heritage in the Game Module of Serious Game for Blinded People. Digital Presentation and Presentation of Cultural and Scientific Heritage, 9, 9, Sofia, Bulgaria: Institute of Mathematics and Informatics – BAS, 2019, ISSN:1314-4006, 213-218 <b>Без JCR или SJR – индексирани в WoS или Scopus (Web of Science)</b> <a href="#">Линк</a>	1.000	100.00
17	<b>Paneva-Marinova, D., Stoikov, J., Goynov, M., Luchev, D., Pavlov, R., Pavlova, L.</b> Intelligent Data Curation in Virtual Museum for Ancient History and Civilization. Digital Presentation and Preservation of Cultural and Scientific Heritage, 9, Institute of Mathematics and Informatics, BAS, 2019, ISSN:1314-4006, 131-144 <b>Без JCR или SJR – индексирани в WoS или Scopus (Web of Science)</b> <a href="#">Линк</a>	1.000	83.33
18	<b>Paneva-Marinova, D., Zlatkov, L., Pavlova, L.</b> Improved User Experience in Digital Library through Advanced Content Synthesizing. Proceedings of the 9th International Conference on Information Communication and Management, ACM International Conference Proceedings Series, ACM, 2019, ISBN:978-1-4503-7188-9, DOI:https://doi.org/10.1145/3357419.3357432, 170-174 <b>Без JCR или SJR – индексирани в WoS или Scopus (Scopus)</b> <a href="#">Линк</a>	1.000	66.67
19	<b>Pavlov, R., Luchev, D.</b> Providing Open Access to Digital Repositories for Social Sciences and Humanities Publications – Problems and Best Practices. Digital Presentation and Preservation of Cultural and Scientific Heritage, 9, Institute of Mathematics and Informatics, BAS, 2019, ISSN:1314-4006, 189-202 <b>Без JCR или SJR – индексирани в WoS или Scopus (Web of Science)</b> <a href="#">Линк</a>	1.000	100.00
20	<b>Pavlov, R., Paneva-Marinova, D., Luchev, D., Zlatkov, L.</b> Workshop on Serious Games and their Educational Applications. Digital Presentation and Preservation of Cultural and Scientific Heritage, 9, Institute of Mathematics and Informatics, BAS, 2019, ISSN:1314-4006, 409-410 <b>Без JCR или SJR – индексирани в WoS или Scopus (Web of Science)</b> <a href="#">Линк</a>	1.000	100.00
21	<b>Simeonov G., P. Stanchev.</b> Using DSpace Platform for Creation of Open Access Local Repositories. UNESCO Digital Presentation and Preservation of Cultural and Scientific Heritage Conference, 9, 2019, ISSN:1314-4006, 245-250 <b>Без JCR или SJR – индексирани в WoS или Scopus (Web of Science)</b>	1.000	0.00
22	<b>Stanchev P., K. Angelieva, Y. Zherkova, R. Pavlov, G. Simeonov.</b> The Tenth National Information Day: Open Science, Open Data, Open Access, Bulgarian Open Science Cloud. Digital Presentation and Preservation of Cultural and Scientific Heritage, 9, 2019, ISSN:1314-4006, 403-408 <b>Без JCR или SJR – индексирани в WoS или Scopus (Web of Science)</b> <a href="#">Линк</a>	1.000	60.00
23	<b>Stanchev P., K. Stefanov.</b> Bulgarian Open Science Cloud. UNESCO Digital Presentation and Preservation of Cultural and Scientific Heritage Conference, 9, 2019, ISSN:1314-4006, 259-264 <b>Без JCR или SJR – индексирани в WoS или Scopus (Web of Science)</b>	1.000	0.00
24	<b>Todorov, T., Stoinov, J.</b> Expert System for Milk and Animal Monitoring. International Journal of Advanced Computer Science and Applications, 10, 6, SAI, 2019, ISSN:2158-107X, 25-30 <b>Без JCR или SJR – индексирани в WoS или Scopus (Scopus)</b> <a href="#">Линк</a>	1.000	50.00
25	<b>Tramonti, M.</b> Art and Science: Combining Learning Tool. Digital Presentation and Preservation of Cultural and Scientific Heritage, 9, Institute of Mathematics and Informatics, BAS, 2019, ISSN:1314-4006, 145-152 <b>Без JCR или SJR – индексирани в WoS или Scopus (Web of Science)</b> <a href="#">Линк</a>	1.000	100.00
26	<b>Tramonti, M.</b> Arts and STEM for social inclusion. Pixel (editing) Conference Proceedings “The Future of Education”, Filodiritto Editore, 2019, ISSN:2384-9509, 232-238 <b>Без JCR или SJR – индексирани в WoS или Scopus (Web of Science)</b> <a href="#">Линк</a>	1.000	100.00
27	<b>Valchev, T., Yanovski, A.</b> Solutions to a Vector Heisenberg Ferromagnet Equation Related to Symmetric Spaces. Geometry, Integrability and Quantization, 20, Avangard Prima, 2019, ISSN:2367-7147, DOI:10.7546/giq-20-2019-285-296, 285-296 <b>Без JCR или SJR – индексирани в WoS или Scopus (Scopus)</b> <a href="#">Линк</a>	1.000	50.00

28	<b>Zlateva, P.,</b> Hristozov, S., Velev, D. A Fuzzy Logic Approach for Drone Capability Analysis on Disaster Risk Assessment. Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-3/W8, 2019, ISSN:1682 1750, DOI:doi.org/10.5194/isprs-archives-XLII-3-W8-485-2019, 485-489 <b>Без JCR или SJR – индексирани в WoS или Scopus (Scopus)</b> <a href="#">Линк</a>	1.000	33.33
29	<b>Чехларова Т.</b> Mathematical Tournament "Domino "Fractions" as an Event at Stem Discovery Week/Математически турнир „Домино „Обикновени дробни“ като събитие на STEM Discovery Week. PEDAGOGY/Педагогика, 3, Аз Буки, 2019, ISSN:0861–3982, 418-428 <b>Без JCR или SJR – индексирани в WoS или Scopus (Web of Science)</b> <a href="#">Линк</a>	1.000	100.00
30	<b>Чехларова Т.</b> Op Art in Mathematics Education or Counting of Quadrilaterals/Он арт в математическото образование или преброяване на четириъгълници. PEDAGOGY/Педагогика, 1, Аз Буки, 2019, ISSN:0861–3982, 8-16 <b>Без JCR или SJR – индексирани в WoS или Scopus (Web of Science)</b> <a href="#">Линк</a>	1.000	100.00
31	<b>Bikov, D., I. Bouyukliev, S. Bouyuklieva.</b> Bijective S-boxes of different sizes obtained from quasi-cyclic codes.. Journal of Algebra Combinatorics Discrete Structures and Applications, 6, 3, 2019, ISSN:2148-838X, 123-134 <b>Без JCR или SJR – индексирани в WoS или Scopus (Scopus)</b> <a href="#">Линк</a>	1.000	66.67
32	<b>Dochev, D., Pavlov, R., Paneva-Marinova, D.,</b> Pavlova, L. Towards Modeling of Digital Ecosystems for Cultural Heritage. Digital Presentation and Preservation of Cultural and Scientific Heritage, 9, Institute of Mathematics and Informatics, BAS, 2019, ISSN:1314-4006, 77-88 <b>Без JCR или SJR – индексирани в WoS или Scopus (Web of Science)</b> <a href="#">Линк</a>	1.000	50.00
33	<b>Dochshyanov, A., Tramonti, M..</b> G.A. STEM Project: Gaming through Cultural Heritage. Digital Presentation and Preservation of Cultural and Scientific Heritage, 9, Institute of Mathematics and Informatics, BAS, 2019, ISSN:1314-4006, 287-294 <b>Без JCR или SJR – индексирани в WoS или Scopus (Web of Science)</b> <a href="#">Линк</a>	1.000	50.00
34	<b>Garrisi, D, Georgiev, V.</b> Uniqueness of standing-waves for a non-linear Schrodinger equation with three pure-power combinations in dimension one. Nonlinear Dispersive Waves and Fluids: AMS Special Session on Spectral Calculus and Quasilinear Partial Differential Equations, and PDE Analysis on Fluid Flows, AMS-MAA Joint Mathematics Meetings, 725, American Mathematical Society, 2019, ISBN:978-1-4704-4109-8, DOI:10.1090/conm/725/14555, 137-148 <b>Без JCR или SJR – индексирани в WoS или Scopus</b> <a href="#">Линк</a>	1.000	50.00
35	<b>Garvanova, M., Garvanov, I., Kabakchiev, Ch., Shishkov, B.B.</b> Measuring and Clustering Moving Objects. Proceedings of the Eighth International Conference on Telecommunications and Remote Sensing – ICTRS 2019, Rhodes, Greece, September 16-17, 2019, ICPS, ACM, 2019, ISBN:978-1-4503-7669-3, DOI:https://doi.org/10.1145/3357767.3357776, 66-70 <b>Без JCR или SJR – индексирани в WoS или Scopus (Scopus)</b> <a href="#">Линк</a>	1.000	25.00
36	<b>Miloshev, N., Trifonova, P., Georgiev, I., Marinova, T., Slabakova, V., Dobrev, N., V. Milusheva, Guerov, T..</b> National Geoinformation Center – scientific infrastructure for dissemination of accurate, durable and reliable geodata and products. Proceedings of the 10th Congress of the Balkan Geophysical Society, 2019, 2019, ISSN:2214-4609, DOI:DOI: 10.3997/2214-4609.201902671, 1-5. SJR (Scopus):0.105 <b>Без JCR или SJR – индексирани в WoS или Scopus (Scopus)</b> <a href="#">Линк</a>	1.000	12.50
Коригиран брой: 36.000			

## Е 1.2.у а:

### Научни публикации в издания, индексирани в ERIH+ (неиндексирани в Scopus и/или WoS) (публикувани)

- **Звено:** ( ИМИ ) Институт по математика и информатика
- **Тип на публикацията:**
  - Глава от научна монография
  - Студия в научно списание
  - Статия в научно списание
  - Статия в сборник на научен форум
  - Студия в тематичен сборник
  - Статия в тематичен сборник
  - Научно съобщение
- **Статус на изданието:** Индексирано в ERIH+
- **Година на публикуване:** 2019 ÷ 2019
- **Тип записи:** Записи, които влизат в отчета на звеното

№	Публикация	Коригиращ Коефициент	Процент автори от звеното
1	<b>Брънзов Т., Кр. Иванова.</b> Намаляване на риска при оптимизацията на бизнес процеси чрез краудсорсинг. Списание Икономическа мисъл / Economic Thought, 3, 2019, ISSN:0013-2993, 51-66 <b>Индексирано в ERIH+ (ERIH Plus)</b>	1.000	100.00
Коригиран брой: 1.000			



## Е 1.4.1 а:

### Научни публикации в рецензирани тематични сборници, издадени от международни академични издателства (публикувани)

- **Звено:** ( ИМИ ) Институт по математика и информатика
- **Тип на публикацията:**
  - Глава от научна монография
  - Статия в сборник на научен форум
  - Студия в тематичен сборник
  - Статия в тематичен сборник
  - Научно съобщение
- **Статус на изданието:** Международно академично издателство
- **Година на публикуване:** 2019 ÷ 2019
- **Тип записи:** Записи, които влизат в отчета на звеното

№	Публикация	Коригиращ Коефициент	Процент автори от звеното
1	<b>Andonov, V., Poryazov, S., Saranova, E.</b> Derivation of some analytical expressions in a model of overall telecommunication system with queue. Proc. of the Ninth International Conference on Advanced Communications and Computation, July 28 – August 2, 2019 Nice, France, IARIA XPS Press, 2019, ISBN:978-1-61208-732-0, ISSN:2308-3484, 29-34 <b>Международно академично издателство (Друга база (напишете името ѝ в "Забележката"))</b> <a href="#">Линк</a>	1.000	100.00
2	<b>Bogdanova, G., N. Noev.</b> Chapter 8: Digitization and Preservation of Digital Resources and Their Accessibility for Blind People. In: M. Dimitrova & H. Wagatsuma (Eds.) Book "Cyber-Physical Systems for Social Applications", IGI-Global Pennsylvania, USA, 2019, ISBN:13: 9781522578796 ISBN10: 152257879X EISBN13: 9781522578802, DOI:10.4018/978-1-5225-7879-6, 23, 184-206 <b>Международно академично издателство</b> <a href="#">Линк</a>	1.000	100.00
3	<b>Bogdanova, G., N. Sabev, N. Noev.</b> Accessibility and Some Educational Barriers for Visually Impaired Users. INTED2019 Proceedings, IATED, Valencia, Spain, 2019, ISSN:2340-1079, DOI:10.21125/inted.2019.2333, 9416-9421 <b>Международно академично издателство</b> <a href="#">Линк</a>	1.000	100.00
4	<b>Bogdanova, G., S. Kapralov, N. Sabev.</b> Some Accessibility Problems of Educational Technologies for People with Disabilities. EDULEARN19 Proceedings, Publisher: IATED, 2019, ISBN:978-84-09-12031-4, ISSN:2340-1117, DOI:10.21125/edulearn.2019.2579, 10272-10278 <b>Международно академично издателство</b>	1.000	66.67
5	<b>Covacheva, Z., Covachev, V.</b> Mathematical Aspects of Neural Networks: Stability of Equilibrium Points. , 103-121. Advances in Networks, Security and Communications: Reviews, Sergey Y. Yurish (Ed.), 2, IFSA (International Frequency Sensor Association) Publishing, 2019, ISBN:978-84-09-14510-2, 103-121 <b>Международно академично издателство</b> <a href="#">Линк</a>	1.000	100.00
6	<b>Kiryakova, V., Luchko, Y.</b> Applications of the Mellin integral transform technique in Fractional Calculus. Handbook of Fractional Calculus with Applications. Volume 1: Basic Theory, 1, Ch. 8, De Gryuter, 2019, ISBN:978-3-11-057162-2, DOI:https://doi.org/10.1515/9783110571622-008, 30, 195-224 <b>Международно академично издателство (Scopus)</b> <a href="#">Линк</a>	1.000	50.00
7	<b>Kiryakova, V., Luchko, Y.</b> Multiple Erdelyi-Kober integrals and derivatives as operators of generalized fractional calculus. Handbook of Fractional Calculus with Applications. Volume 1: Basic Theory, 1, Ch. 6, De Gryuter, 2019, ISBN:978-3-11-057162-2, DOI:https://doi.org/10.1515/9783110571622-006, 32, 127-158 <b>Международно академично издателство (Scopus)</b> <a href="#">Линк</a>	1.000	50.00
8	<b>Kiryakova, V., Tenreiro Machado, J.A.</b> Recent history of the fractional calculus: Data and statistics. Handbook of Fractional Calculus with Applications. Volume 1: Basic Theory, 1, Ch. 1, De Gryuter, 2019, ISBN:978-3-11-057162-2, DOI:https://doi.org/10.1515/9783110571622-001, 21, 1-21 <b>Международно академично издателство (Scopus)</b> <a href="#">Линк</a>	1.000	50.00
9	<b>Kiryakova, V.</b> Generalized fractional calculus operators with special functions. Handbook of Fractional Calculus with Applications. Volume 1: Basic Theory, 1, Ch. 4, De Gryuter, 2019, ISBN:978-3-11-057162-2, DOI:https://doi.org/10.1515/9783110571622-004, 24, 87-110 <b>Международно академично издателство (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
10	<b>Kouzov, O.</b> The role of the literature and the philosophy education in the digital world and the validation of the cultural identity through the means of distance learning platforms.. EDULEARN19 Proceedings, IATED, 2019, ISBN:978-84-09-12031-4, ISSN:2340-1117, DOI:10.21125/edulearn.2019.2448 (WoS), 9827-9832 <b>Международно академично издателство</b> <a href="#">Линк</a>	1.000	100.00

11	<b>Kovacheva, Z., Covachev, V.</b> Periodic solution of a discretized age-dependent model with a dominant age class. INFOCOMP 2019: The Ninth International Conference on Advanced Communications and Computation, IARIA (the International Academy, Research and Industry Association), 2019, ISBN:978-1-61208-732-0, 23-28 <b>Международно академично издателство</b> <a href="#">Линк</a>	1.000	100.00
12	<b>Landjev, I., Rousseva, A., Storme, L.</b> On arcs with a few consecutive intersection numbers. Proceedings of the XV International Conference on Computer Science and Education in Computer Science, 2019, ISSN:ISSN 1313-8624, 59-61 <b>Международно академично издателство</b> <a href="#">Линк</a>	1.000	33.33
13	<b>Luchev, D., Paneva-Marinova, D., Dimova, M.</b> Digital storytelling and digital book trailer applications for educational purposes in Bulgaria. Proceedings of 13th annual International Technology, Education and Development Conference (IATED 2019), Valencia, 11-13 March, 2019, IATED Academy, 2019, ISBN:978-84-09-08619-1, ISSN:2340-1079, 529-534 <b>Международно академично издателство</b> <a href="#">Линк</a>	1.000	100.00
14	<b>Minchev, Z.</b> Data Relativities in the Transcending Digital Future. Proceedings of BISEC 2018, October 20, Belgrade, Serbia, Belgrade Metropolitan University, 2019, ISBN:978-86-89755-17-6, DOI:10.13140/RG.2.2.15409.22887, 6-9 <b>Международно академично издателство (Друга база (напишете името ѝ в "Забележката"))</b> <a href="#">Линк</a>	1.000	100.00
15	<b>Nikolova, A.</b> Educational Applications for Development and Training of Children up to the Age of 6. Proceedings of ICERI2019 Conference 11th-13th November 2019, Seville, Spain, IATED, 2019, ISBN:978-84-09-14755-7, 1865-1868 <b>Международно академично издателство</b>	1.000	100.00
16	<b>Paneva-Marinova, D., Stanchev, P., Pavlov, R., Goynov, M.</b> Towards efficient and continuing usage of the digital culture ecosystem for learning purposes. Proceedings of 13th annual International Technology, Education and Development Conference (IATED 2019), Valencia, 11-13 March, 2019, IATED Academy, 2019, ISBN:978-84-09-08619-1, ISSN:2340-1079, 362-366 <b>Международно академично издателство</b> <a href="#">Линк</a>	1.000	100.00
17	<b>Piperkov, P., I. Bouyukliev, S. Bouyuklieva.</b> An Algorithm for Computing the Weight Distribution of a Linear Code over a Composite Finite Field with characteristic 2. Recent Topics in Differential Geometry and its Related Fields, World Scientific Publishing Company, 2019, ISBN:978-981-120-668-9, DOI:10.1142/9789811206696_0011, 163-181 <b>Международно академично издателство (Web of Science)</b> <a href="#">Линк</a>	1.000	100.00
18	<b>Sabev, N., G. Bogdanova, P. Hristov.</b> Interactive System for Digital Presentation of Cultural Routes and Specialized Collections. CBU International Conference Proceedings 2019: Innovations in Science and Education, Editors: Petr Hájek, Ondřej Vít, 7, Published by CBU Research Institute, Prague, Czech Republic, 2019, ISSN:1805-997X (Print) ISBN 978-80-907722-0-5 (Print edition) Online ISSN 1805-9961, DOI:https://doi.org/10.12955/cbup.v7.1490, 996-1000 <b>Международно академично издателство</b> <a href="#">Линк</a>	1.000	66.67
19	<b>Slavtchova-Bojkova, M., Vitanov, K.</b> On decomposable multi-type Bellman-Harris branching process for modeling cancer cell population. Proceedings of 21st European meeting of young statisticians, Belgrade, 29 July-2 August, 2019, Bernoulli Society and Faculty of Mathematics, Belgrade, 2019, ISBN:978-86-589-137-6, 113-118 <b>Международно академично издателство</b> <a href="#">Линк</a>	1.000	50.00
20	<b>Stoimenova, E.</b> On the upper bound of the risk in selection of the T best items. Computer Data Analysis and Modeling: Stochastics and Data Science: Proc. of the Twelfth Intern. Conf., Minsk, Sept. 18-22, 2019., Minsk: BSU, 2019, ISBN:978-985-566-811-5, 123-127 <b>Международно академично издателство</b> <a href="#">Линк</a>	1.000	100.00
21	<b>Tramonti, M.</b> Mathematics and Science Study through the Arts. ICERI2019 Proceedings, 12th annual International Conference of Education, Research and Innovation Seville (Spain). 11th - 13th of November, 2019, IATED, 2019, ISBN:978-84-09-14755-7, ISSN:2340-1095, 1837-1842 <b>Международно академично издателство</b>	1.000	100.00
22	<b>Ангелова, Р.</b> Работата в малки учебно-изследователски групи - за мотивиращо STEAM образование. Зборникот на трудови од Меѓународната конференција по математика, физика и сродни науки, 2019 ДФРМ, Напредок, Тетово, 2019, ISBN:ISBN 978-608-4711-09-4, 147-156 <b>Международно академично издателство</b> <a href="#">Линк</a>	1.000	100.00
23	<b>Чехларова Т.</b> Подготовка за математически пѐрформанс „Правилни звездни многоъгълници“. Сборник от трудови од Меѓународна конференција за образованието по математика, физика и сродни науки Скопје, 27-28 септември 2019, ДФРМ, 2019, ISSN:978-608-4711-09-4, 34-43 <b>Международно академично издателство (Друга база (напишете името ѝ в "Забележката"))</b> <a href="#">Линк</a>	1.000	100.00
24	<b>Dobrinkova, N., Cardil, A., Boyvalenkov, P., Kostadinov, H.</b> The use of Wildfire Analyst in the Kresna Fire 2017 (Bulgaria). Conference Proceedings for the International Association of Wildland Fire (IAWF) 6th International Fire Behavior and Fuels Conference in Albuquerque, USA; Sydney, Australia; and Marseille, France, 29 April - 3 May, International Association of Wildland Fire, 2019 <b>Международно академично издателство</b>	1.000	50.00
25	<b>Gaydarski, I., Minchev, Z.</b> Virtual Enterprise Data Protection: Framework Implementation with Practical Validation. Proceedings of BISEC 2018, October 20, Belgrade, Serbia, Belgrade Metropolitan University, 2019, ISBN:978-86-89755-17-6, DOI:10.13140/RG.2.2.19996.33925, 10-15 <b>Международно академично издателство (Друга база (напишете името ѝ в "Забележката"))</b> <a href="#">Линк</a>	1.000	50.00

26	Georgieva-Tsaneva, G., M. Gospodinov, <b>G. Bogdanova</b> . Online Platform for Processing and Storage of Information in the Field of Medicine: Improving Education of the Medical Students. EDULEARN19 Proceedings, Publisher: IATED, 2019, ISBN:978-84-09-12031-4, ISSN:2340-1117, DOI:10.21125/edulearn.2019.1223, 4899-4906 <b>Международно академично издателство</b> <a href="#">Линк</a>	1.000	33.33
27	Rousseva A., <b>Landjev, I.</b> The nonexistence of some quaternary Griesmer codes of dimension 5. Proceedings of the XV International Conference on Computer Science and Education in Computer Science, 2019, ISSN:ISSN 1313-8624, 1-6 <b>Международно академично издателство</b> <a href="#">Линк</a>	1.000	50.00
28	Saranov, N., <b>Minchev, Z., Poryazov, S, Saranova, E.</b> Legislative Issues Analytical Modelling for Data Security Breaches Prevention. Proceedings of BISEC 2018, October 20, Belgrade, Serbia, Belgrade Metropolitan University, 2019, ISBN:978-86-89755-17-6, DOI:10.13140/RG.2.2.16640.89606, 40-45 <b>Международно академично издателство (Друга база (напишете името ѝ в "Забележката"))</b> <a href="#">Линк</a>	1.000	75.00
Коригиран брой: 28.000			

## Е 1.4.2 а:

### Научни публикации в рецензирани тематични сборници, издадени от национални академични издателства (публикувани)

- **Звено:** ( ИМИ ) Институт по математика и информатика
- **Тип на публикацията:**
  - Глава от научна монография
  - Статия в сборник на научен форум
  - Студия в тематичен сборник
  - Статия в тематичен сборник
  - Научно съобщение
- **Статус на изданието:** Национално академично издателство
- **Година на публикуване:** 2019 ÷ 2019
- **Тип записи:** Записи, които влизат в отчета на звеното

№	Публикация	Коригиращ Коефициент	Процент автори от звеното
1	<b>Bantchev, B.</b> Trees and graphs: simple, general, abstract, and efficient. Proceedings of the National Conference on Education and Research in the Information Society, Plovdiv, May, 2019, Institute of Mathematics and Informatics Bulgarian Academy of Sciences, Association for the Development of the Information Society, 2019, ISSN:2534-8663, DOI:10525/3313, 10-19 <b>Национално академично издателство</b> <a href="#">Линк</a>	1.000	100.00
2	<b>Bogdanova G., L. Gulabova.</b> Barriers to the Digital and Physical Accessiility of the Religious Cultural Heritage of "Holy Mount" of Sofia. Cultural and Historical Heritage: Preservation, Representation, Digitalization, 5, 2, Institute of Mathematics and Informatics, BAS, 2019, ISSN:2367-8038, 105-124 <b>Национално академично издателство</b> <a href="#">Линк</a>	1.000	50.00
3	<b>Bogdanova, G., L. Gulabova.</b> Mathematical Methods in Research on Psychosomatic Parameters of Cultural Diversity on Medical Purpose. Научна конференция "Хармония в различията" (Сборник с доклади, ред. колегия проф. д-р Ж.Назърска, гл. ас. д-р Св. Шапкалова и др.), София, Университет по библиотекознание и информационни технологии, Академично издателство "За буквите - О писменехъ", 2019, ISSN:2367-7899, 169-178 <b>Национално академично издателство</b>	1.000	50.00
4	<b>Bogdanova, G.</b> Development of new solutions in the field of presentation and preservation of Cultural and Historical Heritage in the North+ region. Cultural and Historical Heritage: Preservation, Presentation, Digitalization, 5, 1, Institute of Mathematics and Informatics, BAS, 2019, ISSN:2367-8038, 22-38 <b>Национално академично издателство</b> <a href="#">Линк</a>	1.000	100.00
5	<b>Boyadzhiev, G., Kutev, N.</b> Existence of Classical Solutions of Linear Non-Cooperative Elliptic Systems. Pliska Studia Mathematica, 30, IMI at the Bulgarian Academy of Sciences, 2019, ISSN:0204-9805, 45-54 <b>Национално академично издателство (MathSciNet)</b> <a href="#">Линк</a>	1.000	100.00
6	<b>Georgiev, V., B. Shakarov.</b> Institute of Mathematics and Informatics–BAS. Pliska Studia Mathematica, 30, IMI, 2019, ISSN:0204-9805, 85-98 <b>Национално академично издателство (MathSciNet)</b> <a href="#">Линк</a>	1.000	50.00
7	<b>Georgiev, V., K. Fujiwara, T.Ozawa.</b> Note for global existence of semilinear heat equation in weighted $L^\infty$ space. Pliska Studia Mathematica, 30, IMI, 2019, ISSN:0204-9805, 7-20 <b>Национално академично издателство (MathSciNet)</b> <a href="#">Линк</a>	1.000	33.33
8	<b>Georgiev, V, G. Del Corso.</b> Modified FvK model. Pliska Studia Mathematica, 30, IMI, 2019, ISSN:0204-9805, 55-70 <b>Национално академично издателство (MathSciNet)</b> <a href="#">Линк</a>	1.000	50.00
9	<b>Kolkovska N., Dimova M., Kutev, N.</b> ORBITAL STABILITY OF SOLITARY WAVES TO FOURTH ORDER DISPERSIVE EQUATIONS WITH QUADRATIC NONLINEARITY. Pliska Studia Mathematica, 30, Institute of Mathematics and Informatics, BAS, 2019, ISSN:0204-9805, 109-116 <b>Национално академично издателство (ZentralBlatt)</b> <a href="#">Линк</a>	1.000	100.00
10	<b>Milanov, P.</b> Mathematical models in quantitative pharmacology. Доклади на Четиридесет и осмата пролетна конференция на Съюза на математиците в България, МАТЕМАТИКА И МАТЕМАТИЧЕСКО ОБРАЗОВАНИЕ, БАН, 2019, ISSN:1313-3330, 35-49 <b>Национално академично издателство (ZentralBlatt)</b> <a href="#">Линк</a>	1.000	100.00
11	<b>Minchev, Z.</b> Extended Reality Training Analytical Transcends in The Future Digital Society. Proceedings of the XII National Conference on "Education and Research in the Information Society", Association for Development of the Information Society,	1.000	100.00

	2019, ISSN:2534-8663, DOI:10.13140/RG.2.2.21790.08009, 151-164 <b>Национално академично издателство (Друга база (напишете името ѝ в "Забележката"))</b> <a href="#">Линк</a>		
12	<b>Nikolov, N.</b> , L. Andreev, M. Trybula. Gromov hyperbolicity of the Kobayashi metric. Pliska Studia Mathematica, 30, Institute of Mathematics and Informatics at the Bulgarian Academy of Sciences, 2019, ISSN:0204-9805, 21-28 <b>Национално академично издателство</b> <a href="#">Линк</a>	1.000	33.33
13	<b>Slavova, A., Bobeva, G.</b> . DYNAMICS OF PEM WITH NANO-INHOMOGENEITIES VIA CELLULAR NANOSCALE NETWORKS. PLISKA Studia Mathematica, 30, IMI at the Bulgarian Academy of Sciences, 2019, ISSN:0204-9805, 157-170 <b>Национално академично издателство (MathSciNet)</b> <a href="#">Линк</a>	1.000	100.00
14	<b>Slavova, A., Zafirova, Z.</b> , Zecca, P.. CNN MODELING OF A CLASS OF INTEGRO-DIFFERENTIAL EQUATIONS. PLISKA Studia Mathematica, 30, IMI at the Bulgarian Academy of Sciences, 2019, ISSN:0204-9805, 171-184 <b>Национално академично издателство (MathSciNet)</b> <a href="#">Линк</a>	1.000	66.67
15	<b>Sotirova-Valkova K.</b> . Технологичен и правен аспект при дигитализация на движими културни ценности. Авторско право и интелектуална собственост. Научна поредица "КИН: опазване, представяне, дигитализация", 5, 2, ИМИ-БАН, 2019, ISSN:2367-8038, 35-45 <b>Национално академично издателство</b> <a href="#">Линк</a>	1.000	100.00
16	<b>Tersian, S.</b> . Existence of infinitely many solutions of problems for p-laplacian differential equations via variational method. Proceedings of the Forty-eighth Spring Conference of the Union of Bulgarian Mathematicians, April 1–5, 2019, Union of Bulgarian Mathematicians, 2019, 27-34 <b>Национално академично издателство</b>	1.000	100.00
17	<b>Veselin Filev</b> , Genko S. Vasilev, Plamen Neykov. A SEMI-ANALYTIC APPROACH TO VALUING AUTO-CALLABLE ACCRUAL NOTES. Proceedings of the Forty-eighth Spring Conference of the Union of Bulgarian Mathematicians, 48, MATHEMATICS AND EDUCATION IN MATHEMATICS, 2019, ISSN:1313-3330 <b>Национално академично издателство</b> <a href="#">Линк</a>	1.000	33.33
18	<b>Vilislav Boutchaktchiev</b> . Estimation of the cure rate of non-performing loans using Markov chains. Доклади на Четиридесет и осмата пролетна конференция на Съюза на математиците в България, 2019, ISSN:1313-3330, 63-69 <b>Национално академично издателство</b>	1.000	100.00
19	<b>Браухле М.</b> . Деца в ролята на изследователи – експеримент със „Загадъчни кутии“. Математика и математическо образование, 2019, 2019, ISSN:ISSN 1313-3330, 143-149 <b>Национално академично издателство</b>	1.000	100.00
20	<b>Браухле М.</b> . Проектът Scientix и предизвикателствата на новото време. Седма международна научна конференция „Съвременното образование условия, предизвикателства и перспективи“, ЮЗУ "Неофит Рилски", 2019, ISBN:978-954-00-0200-2, 282-284 <b>Национално академично издателство</b> <a href="#">Линк</a>	1.000	100.00
21	<b>Келеведжиев, Е.</b> , Дженкова, Зорница. Трудност на задачите в международното състезание "Бобър". Математика и математическо образование, 48, СМБ, 2019, ISSN:1313-3330, 157-162 <b>Национално академично издателство</b> <a href="#">Линк</a>	1.000	50.00
22	<b>Панева-Маринова, Д.</b> , Сенка, Г., <b>Лучев, Д.</b> , <b>Гойнов, М.</b> . Цифрови технологии за е-учене на изкуство и култура. Културно-историческо наследство: опазване, представяне, дигитализация, 1, 6, 2019, ISSN:2367-8038, 12-21 <b>Национално академично издателство</b> <a href="#">Линк</a>	1.000	75.00
23	<b>Пиперков, П.</b> , Л. Гълъбова. Образът на свети Йоан Рилски в светите места и устойчивия туристически ефект от поклонничеството. Културно-историческо наследство: опазване, представяне, дигитализация, 6, РНБ "П. Р. Славейков", гр. Велико Търново, 2019, ISSN:2367-8038, 116-138 <b>Национално академично издателство</b> <a href="#">Линк</a>	1.000	50.00
24	<b>Чехларова, Т.</b> , <b>Кендеров, П.</b> , <b>Сендова, Е.</b> . Откриване и отстраняване на погрешни представи за математически обекти и понятия с помощта на информационни технологии. Математика и математическо образование, СМБ, 2019, ISSN:1313-3330, 195-203 <b>Национално академично издателство</b> <a href="#">Линк</a>	1.000	100.00
25	Manev, Kr., Georgiev, M., <b>Maneva, N.</b> . GRAPHSL: Standard Library for Graphs and Trees. Доклади на 48 Пролетна конференция на СМБ, Боровец, 1-5 април 2019, 2019, ISSN:1313-3330, 107-112 <b>Национално академично издателство</b>	1.000	33.33
Коригиран брой: 25.000			



## Е 1.4.х а: Научни публикации в рецензирани тематични сборници, издадени от неакадемични издателства (публикувани)

- **Звено:** ( ИМИ ) Институт по математика и информатика
- **Тип на публикацията:**
  - Глава от научна монография
  - Статия в сборник на научен форум
  - Студия в тематичен сборник
  - Статия в тематичен сборник
  - Научно съобщение
- **Статус на изданието:**
  - Международно неакадемично издателство
  - Национално неакадемично издателство
- **Година на публикуване:** 2019 ÷ 2019
- **Тип записи:** Записи, които влизат в отчета на звеното

№	Публикация	Коригиращ Коефициент	Процент автори от звеното
1	<b>Bogdanova, G.</b> Web accessibility technologies for people with special needs. Science Days'2018, USB branch Veliko Tarnovo, Publisher: Faber, Bulgaria, 2019, ISSN:1314-2283, 168-179 <b>Национално неакадемично издателство</b>	1.000	100.00
2	<b>Sotirova-Valkova, K.</b> Методология за дигитализация на културно-историческо наследство. Дигитализация на културно-историческо наследство, ДИОС, 2019, ISBN:978-954-8405-69-0, 64-72 <b>Национално неакадемично издателство</b> <a href="#">Линк</a>	1.000	100.00
3	<b>Рангочев, К.</b> Модели на фолклорното православие II: памет и наследство в православните храмове на град Самоков. Годишник на Асоциация "ОНГЪЛ", „ПАМЕТ – НАСЛЕДСТВО – КУЛТУРА (етноложката перспектива)“, XVIII, Импресарско-издателска къща "РОД", 2019, ISSN:1311-493X, 80-92 <b>Национално неакадемично издателство (Друга база (напишете името ѝ в "Забележката"))</b> <a href="#">Линк</a>	1.000	100.00
4	<b>Рангочев, К.</b> Нацията: мит и/или реалност (Теоретични модели и практически реализации в началото на XXI век). Годишник на Асоциация "ОНГЪЛ", „МИТОВЕ – СТЕРЕОТИПИ – МИСТИФИКАЦИИ“, XVII, Импресарско-издателска къща "РОД", 2019, ISSN:1311-493X, 15-39 <b>Национално неакадемично издателство (Друга база (напишете името ѝ в "Забележката"))</b> <a href="#">Линк</a>	1.000	100.00
5	<b>Тодоров, В.</b> Ефективни стохастични подходи за анализ на чувствителност на голям екологичен модел. XVI национална младежка научно практическа конференция, Федерация на научно техническите съюзи, 2019, ISSN:1314-8931, 23-28 <b>Национално неакадемично издателство</b>	1.000	100.00
Коригиран брой: 5.000			

## Е 1.4.у а: Научни публикации в рецензирани списания, неиндексирани в Scopus, WoS, ERIH+ (публикувани)

- **Звено:** ( ИМИ ) Институт по математика и информатика
- **Тип на публикацията:**  
Студия в научно списание  
Статия в научно списание
- **Статус на изданието:**  
Международно академично издателство  
Международно неакадемично издателство  
Национално академично издателство  
Национално неакадемично издателство
- **Година на публикуване:** 2019 ÷ 2019
- **Тип записи:** Записи, които влизат в отчета на звеното

№	Публикация	Коригирац Коефициент	Процент автори от звеното
1	<b>Boyadzhiev, G., N. Kutev.</b> Comparison principle for weakly-coupled non-cooperative elliptic and parabolic systems. Serdica Mathematical Journal, 45, 2, IMI-BAS, 2019, ISSN:1310-6600, 143-166 <b>Международно академично издателство</b> <a href="#">Линк</a>	1.000	100.00
2	<b>Chipchakov, I. D.</b> On index-exponent relations over Henselian fields with local residue fields. Serdica Mathematical Journal, 44 (2018), 3-4, Институт по математика и информатика към БАН, 2019, ISSN:1310-6600, 303-328 <b>Национално академично издателство (ZentralBlatt)</b> <a href="#">Линк</a>	1.000	100.00
3	<b>Danchev, P. V., Samiei, M.</b> Commutative nil-neat group rings. J. Math., Tokushima Univ., 53, 2019, ISSN:1346-7387, 1-4 <b>Международно академично издателство (MathSciNet)</b>	1.000	50.00
4	<b>Danchev, P. V.</b> Commutative nil-clean and $\pi$ -regular group rings. Uzbek Math. J., 3, 2019, ISSN:2010-7269, DOI:10.29229/uzmj.2019-3-4, 33-39 <b>Международно академично издателство (MathSciNet)</b> <a href="#">Линк</a>	1.000	100.00
5	<b>Danchev, P. V.</b> Rings close to strongly von Neumann regular. J. Nepal Math. Soc., 2, 1, 2019, ISSN:2616-0161, 15-18 <b>Международно академично издателство (ZentralBlatt)</b> <a href="#">Линк</a>	1.000	100.00
6	<b>Danchev, P. V.</b> Rings represented as finite unions of special elements. Ann. Univ. Oradea - Ser. Math., 26, 2, 2019, ISSN:1221-1265, 33-39 <b>Международно академично издателство (MathSciNet)</b> <a href="#">Линк</a>	1.000	100.00
7	<b>Danchev, P. V.</b> Three notes on abelian p-groups. Eurasian Bull. Math., 2, 1, 2019, 1-3 <b>Международно академично издателство (ВИНИТИ)</b> <a href="#">Линк</a>	1.000	100.00
8	<b>Dobrev, D.</b> AI Should Not Be an Open Source Project. International Journal "Information Content and Processing", 6, 1, Institute of Information Theories and Applications FOI ITHEA, Bulgaria, 2019, ISSN:2367-5128, 34-48 <b>Международно академично издателство</b> <a href="#">Линк</a>	1.000	100.00
9	<b>Dobrev, D.</b> Event-Driven Models. International Journal "Information Models and Analyses", 8, 1, Institute of Information Theories and Applications FOI ITHEA, Bulgaria, 2019, ISSN:1314-6416, 23-58 <b>Международно академично издателство</b> <a href="#">Линк</a>	1.000	100.00
10	<b>Dobrev, D.</b> Minimal and Maximal models in Reinforcement Learning. International Journal "Information Theories and Applications", 26, 3, Institute of Information Theories and Applications FOI ITHEA, Bulgaria, 2019, ISSN:1310-0513, 268-284 <b>Международно академично издателство</b> <a href="#">Линк</a>	1.000	100.00
11	<b>Dobrev, D.</b> The IQ of Artificial Intelligence. Serdica Journal of Computing, 13, 1-2, Institute of Mathematics and Informatics, Bulgarian Academy of Sciences, 2019, ISSN:1312-6555, 37-66 <b>Международно академично издателство (ZentralBlatt)</b>	1.000	100.00
12	<b>Drensky V.</b> Varieties of bicommutative algebras. Serdica Math. J., 45, 2, ИМИ-БАН, 2019, 167-188 <b>Национално академично издателство (ZentralBlatt)</b>	1.000	100.00
13	<b>Ganchev, I.</b> UCWW intersystem. Transaction on Communications, 18, WSEAS, 2019, ISSN:1109-2742, 119-123 <b>Международно академично издателство</b>	1.000	100.00

14	<b>Gerdjikov, V. S., Stefanov, A. A.</b> On An Example Of Derivative Nonlinear Schrodinger Equation With D2 Reduction. Pliska Studia Mathematica, 30, IMI at the Bulgarian Academy of Sciences, 2019, ISSN:0204-9805, 99-108 <b>Национално академично издателство (MathSciNet)</b> <a href="#">Линк</a>	1.000	100.00
15	<b>Iliev A., D. Ignatova.</b> Correlation Between The Physical Development And The General Health Of Children. 6/2019, Образование и познание, 2019, ISSN:2603-2864, 3-12 <b>Национално неакадемично издателство</b>	1.000	50.00
16	<b>Kovacheva Zl.</b> Challenges and opportunities in Analytics of Big Data. International Journal of Engineering and Future Technology, 16, 2, CESER publications, 2019, ISSN:2455-6432 <b>Международно академично издателство</b>	1.000	100.00
17	<b>Lazarov, B.</b> What kind of math reasoning may help students in multiple-choice competition. Mathematics Competitions, 32, 1, AMT Publishing, 2019, ISSN:1031 – 7503, 39-47 <b>Международно неакадемично издателство</b> <a href="#">Линк</a>	1.000	100.00
18	<b>Tabov, J., N. Sabeva - Koleva, G. Gachev.</b> On the Genetic Ties between European Nations. CHEMISTRY: BULGARIAN JOURNAL OF SCIENCE EDUCATION, Volume 28, Issue 5, Ministry of Education and Science (BULGARIA), 2019, ISSN:0861-9255, SJR (Scopus):0.102 <b>Национално академично издателство</b> <a href="#">Линк</a>	1.000	100.00
19	<b>Байчева, Ц., Бойваленков, П., Ланджев, И.</b> Теория на кодирането и криптография в ИМИ. Списание на БАН, 1, 2019, ISSN:0007-3989, 33-41 <b>Национално академично издателство</b>	1.000	100.00
20	<b>Давидов, Й., Мушкаров, О.</b> Хармонични почти комплексни структури. Списание на БАН, 1, БАН, 2019, ISSN:0007-3989, 13-18 <b>Национално академично издателство</b> <a href="#">Линк</a>	1.000	100.00
21	<b>Дренски, В.</b> Алгебрата и алгебричната геометрия в Института по математика и информатика при БАН. Списание на БАН, 132, 1, Издателство на БАН, 2019, ISSN:0007-3989, 7-12 <b>Национално академично издателство</b>	1.000	100.00
22	<b>Кендеров, П., Чехларова, Т., Сендова, Е.</b> Институтът по математика и информатика в помощ на българското образование по математика. Списание на Българската академия на науките, 1, Издателство на БАН „Проф. Марин Дринов“, 2019, ISSN:0007-3989, 47-53 <b>Национално академично издателство (ВИНИТИ)</b>	1.000	100.00
23	<b>Лазаров, Б., Димитров, Д.</b> Преразглеждане представянето на коничните сечения на основата на компютърни технологии.. Education & Technology Journal, X, 1, Образование и технологии, 2019, ISSN:2535-1214, DOI:10.26883/2010.191.1507, 130-134 <b>Национално неакадемично издателство (Друга база (напишете името й в "Забележката"))</b> <a href="#">Линк</a>	1.000	50.00
24	<b>Рангочев, К.</b> Фолклорните сведения за пътя на мощите на св. Иван Рилски през 1469 г. от Средец (София) до Рилския манастир.. Електронно списание LiterNet, 28.03.2019, № 3 (232), 3 (232), LiterNet, 2019, ISSN:1312-2282 <b>Национално неакадемично издателство</b> <a href="#">Линк</a>	1.000	100.00
25	Mirtchev, S., Goleva, R., Atamian, D., <b>Ganchev, I.</b> Analysis of non-preemptive priority single-server queueing systems with peaked traffic flows. Electrotechnica & Electronica (E+E), 54, 3-4, 2019, ISSN:0861-4717, 57-63 <b>Национално неакадемично издателство</b>	1.000	25.00
26	Tomov, Z., Krawczak, M., <b>Andonov, V.</b> , Atanasov, K., Simeonov, S.. Generalized Net Models of Queueing Disciplines in Finite Buffer Queueing Systems with Intuitionistic Fuzzy Evaluations of the Tasks. Notes on Intuitionistic Fuzzy Sets, 25, 2, 2019, ISSN:1310-4926, DOI:10.7546/nifs.2019.25.2.115-122, 115-122 <b>Национално неакадемично издателство (ZentralBlatt)</b>	1.000	20.00
27	Георгиев, Ж, <b>Иванов, Л.</b> Работещи ли са демографските политики в България?. Население, 37, 1, БАН, 2019, ISSN:ISSN 0205-0617, EISSN 2367-9174, 117-128 <b>Национално академично издателство</b> <a href="#">Линк</a>	1.000	50.00
Коригиран брой: 27.000			

**Е 1.5 а:**  
**Научни монографии (първа част - книги)**  
**(публикувани)**

- **Звено:** ( ИМИ ) Институт по математика и информатика
- **Тип на публикацията:** Научна монография
- **Година на публикуване:** 2019 ÷ 2019
- **Тип записи:** Записи, които влизат в отчета на звеното

№	Публикация	Коригиращ Коефициент	Процент автори от звеното
1	<b>Илев, А., Кууркчиев, Н.,</b> Rahnev, A., Terzieva, T.. Some models in the theory of computer viruses propagation. LAP LAMBERT Academic Publishing, 2019, ISBN:978-620-0-00826-8 <b>Друго</b> <a href="#">Линк</a>	1.000	50.00
2	<b>Илев, А., Кууркчиев, Н.,</b> Rahnev, A. Nontrivial Practical Algorithms: Part 2. LAP LAMBERT Academic Publishing, 2019, ISBN:978-613-9-45613-0, 137 <b>Друго</b> <a href="#">Линк</a>	1.000	66.67
3	<b>Ivanova Kr.</b> Art Image Retrieval Utilizing Colour Semantics. LAP Lambert Academic Publishing, 2019, ISBN:978-620-0-45382-2, 178 <b>Друго</b>	1.000	0.00
4	<b>Кууркчиев, Н., Илев, А.,</b> Rahnev, A.. Some Families of Sigmoid Functions: Applications to Growth Theory. LAP LAMBERT Academic Publishing, 2019, ISBN:978-613-9-45608-6, 161 <b>Друго</b> <a href="#">Линк</a>	1.000	66.67
5	<b>Mushkarov, O.,</b> Andreescu, T.. Topics in geometric inequalities. XYZ Press, LLC, 2019, ISBN:0-9993428-3-5 , 978-0-9993428-3-1, 428 <b>Друго</b> <a href="#">Линк</a>	1.000	50.00
6	<b>Ранева-Коновска J.</b> After the Invitation to Bessel Functions. Softtraid, 2019, ISBN:978-954-334-216-7, 116 <b>Друго</b> <a href="#">Линк</a>	1.000	100.00
7	<b>Брънзов, Тодор.</b> Управление на производството на блага във виртуална общност. Globe Edit, 2019, ISBN:978-613-9-42162-6, 144 <b>Друго</b>	1.000	0.00
8	Кууркчиев, V., <b>Илев, А.,</b> Rahnev, A., <b>Кууркчиев, Н.</b> Some New Logistic Differential Models: Properties and Applications. LAP LAMBERT Academic Publishing, 2019, ISBN:978-620-0-43442-5, 124 <b>Друго</b> <a href="#">Линк</a>	1.000	50.00
Коригиран брой: 8.000			

**E03/6.1:**  
**Учебници, учебни помагала - публикувани**

- **Звено: ( ИМИ ) Институт по математика и информатика**
  - **Тип на публикацията:**
    - Учебник за студенти
    - Учебник за ученици
    - Учебно помагало за студенти
    - Учебно помагало за ученици
  - **Година на публикуване:** 2019 ÷ 2019
  - **Тип записи:** Записи, които влизат в отчета на звеното
- 
1. **Банков, К**, Цветкова, И, Петрова, Д., Николова, Г, Наков, С.. Текуща подготовка по математика за национално външно оценяване 10. клас. Просвета, 2019, ISBN:978-954-01-3973-9
  2. **Банков, К**, Цветкова, И., Петрова, Д., Николова, Г., Наков, С.. Математика за 10. клас. Просвета, 2019, ISBN:978-954-01-3870-1
  3. **Лазаров, Б.** Двадесет и седми Есенен турнир по математика и информатика „Черноризец Храбър“. ИМИ-БАН, 2019, ISBN:978-954-8986-52-6, 64
  4. **Невена Събева, Емил Колев.** Математика за напреднали. Комбинаторика и теория на числата за 5. - 8. клас. Фастумпринт, 2019, ISBN:619722359-0, 92
  5. **Тони Чехларова.** Сборник от работни листове "Обикновени дроби". Макрос 2001, 2019, ISBN:978-954-702-107-5, 32
  6. Витанов, Т., Недевски, П., Кьосева, М., **Стоименова, Е.** Математика за 10 клас. Клет, 2019, ISBN:2019-1-DE01-КА203-005046
  7. Витанов, Т., Недевски, П., Кьосева, М., **Стоименова, Е.** Математика за 10 клас. Книга за учителя. Клет, 2019, ISBN:978-619-215-452-3

## Научно-популярни произведения - излезли от печат

- **Звено: ( ИМИ ) Институт по математика и информатика**
  - **Тип на публикацията:**  
 Научно-популярна книга  
 Глава от научно-популярна книга  
 Научно-популярна статия  
 Каталог  
 Албум
  - **Година на публикуване:** 2019 ÷ 2019
  - **Тип записи:** Записи, които влизат в отчета на звеното
1. **Andreescu, T., Mushkarov, O.** Best polynomial estimates in a triangle. *Mathematical Reflections*, 4, XYZ Press, 2019, 2-5
  2. **Kiryakova, V.** FCAA related news, events and books (FCAA–Volume 22–1–2019). *Fractional Calculus and Applied Analysis*, 22, 1, De Gruyter, 2019, 3-10
  3. **Kiryakova, V.** FCAA related news, events and books (FCAA–Volume 22–2–2019). *Fractional Calculus and Applied Analysis*, 22, 2, De Gruyter, 2019, 237-241
  4. **Kiryakova, V.** FCAA related news, events and books (FCAA–Volume 22–3–2019). *Fractional Calculus and Applied Analysis*, 22, 3, De Gruyter, 2019, 539-542
  5. **Kiryakova, V.** FCAA related news, events and books (FCAA–Volume 22–4–2019). *Fractional Calculus and Applied Analysis*, 22, 4, De Gruyter, 2019, 843-843
  6. **Kiryakova, V.** FCAA related news, events and books (FCAA–Volume 22–5–2019). *Fractional Calculus and Applied Analysis*, 22, 5, De Gruyter, 2019, 1155-1164
  7. **Бойваленков, Петър, Харизанов, Станислав.** 68. Национална олимпиада по математика. *Математика*, 58, 4, Списание Математика ЕООД, 2019, 10-16
  8. **Бойваленков, Петър,** Сафаей, Навид. Няколко функционални уравнения с полиноми. *Математика*, 58, 2, Списание Математика ЕООД, 2019, 19-23
  9. **Бойваленков, Петър.** Зимен математически турнир "Атанас Радев". *Математика*, 58, 2, Списание Математика ЕООД, 2019, 5-18
  10. **Бойваленков, Петър.** Подготовка за EGMO - няколко задачи от теория на числата. *Математика*, 58, 4, Списание Математика ЕООД, 2019, 5-9
  11. **Бойваленков, Петър.** Седмица на олимпийската математика на ИМИ-БАН. *Математика*, 58, 1, Списание Математика ЕООД, 2019, 5-19
  12. **Иванов, Л.** История на българските полярни изследвания – 30 години БАЕ. Първо, Български антарктически институт, 2019
  13. **Иванов, Л.** История на полярните изследвания. Първо, Български антарктически институт, 2019



14. **Кортезов, И**, Карлов, Е. XXIII Младежка балканиада по математика, Кипър 2019. Математика, 5, 2019, 26-27
15. **Кортезов, И**, Киселова, Е. Всерусийска ученическа олимпиада по математика. Математика, 4, 2019, 24-28
16. **Кортезов, И**, Киселова, Е. Решения на задачите от Всерусийската олимпиада по математика. Математика, 5, 2019, 69-75
17. **Кортезов, И**. Върху една задача от "Хитър Петър" 2018. Математика, 1, 2019, 42-45
18. **Кортезов, И**. И петокласник може да реши, и професор може да сгреши. 1, Фастумпринт, 2019, 180
19. **Кортезов, И**. И третокласник може да реши, и професор може да сгреши: Книга за ученика. 1, Фастумпринт, 2019, 88
20. **Кортезов, И**. Избрани задачи от състезанията в математическия семинар "Черноризец Храбър". Математика, 2, 2019, 36-40
21. **Кортезов, И**. Как да броим, без да броим. 3, 1, Фастумпринт, 2019, 180
22. **Кортезов, И**. Контролни работи за определяне отбора на България за МБОМ. Математика, 5, 2019, 28-32
23. **Кортезов, И**. Теми от математически лагери. 2, 7, Фастумпринт, 2019, 180
24. **Кортезов, И**. Теми от математически лагери. 3, 3, Фастумпринт, 2019, 180
25. **Невена Събева**. В света на елфите и джуджетата. Списание Математика, 6, "Списание Математика" ЕООД, 2019, 60-61
26. **Невена Събева**. Върху една японска задача. Списание Математика, 4, "Списание Математика" ЕООД, 2019, 38-41
27. **Невена Събева**. Квадрати с общ връх и равнолицеви триъгълници. Списание Математика, 1, "Списание Математика" ЕООД, 2019, 33-36
28. **Невена Събева**. Конкурс за малките на списание "Математика". Списание Математика, 5, "Списание Математика" ЕООД, 2019, 42-46
29. **Невена Събева**. Първо математическо пътешествие. Списание Математика, 6, "Списание Математика" ЕООД, 2019, 48-54
30. **Невена Събева**. Сбор на отсечки. Списание Математика, 2, "Списание Математика" ЕООД, 2019, 61-64
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