

СПИСЪК НА НАУЧНИТЕ ПУБЛИКАЦИИ

на Йорданка Панева-Коновска, доц. д.н.

представени за участие в конкурс за професор

в област на висше образование: 4. Природни науки, математика и информатика,
професионално направление: 4.5. Математика, научна специалност:
„Математически анализ (Специални функции)”,
обявен в Държавен вестник № 52 от 02. 07. 2019 г. (стр. 58)

- **Монографии – 1 брой**

1. **J. Paneva-Konovska**, After the Invitation to Bessel Functions, 116 pp., Softtraid, Sofia, 2019 (monograph); ISBN 978-954-334-216-7.

- **Статии – 25 бр., от които 3 с IF (сум. IF= 3,937) и 10 с SJR (сум. SJR = 1,646)**

2. **J. Paneva-Konovska**, Tauberian theorem of Littlewood type for series in Bessel functions of first kind. *Compt. rend. Acad. bulg. Sci.* Tome **62**, No **2**, 2009, 161-166.

ISSN 1310-1331 **Q4- IF = 0,204**

3. **J. Paneva-Konovska**, Tauberian Theorem of Littlewood Type for Series in Bessel – Maitland Functions. *Mathematica Macedonica*. Vol. 6, 2008, 55-60, ISSN 1409-9721
<https://zbmath.org/?q=ai%3Apaneva-konovska.jordanka-d+se%3A00003155>;
Zbl 1265.30001

4. **J. Paneva-Konovska**, Convergence of series in Mittag-Leffler functions, *Compt. rend. Acad. bulg. Sci.* Tome **63**, No **6**, 2010, 815-822.

ISSN 1310-1331 **Q3- IF= 0,219**

5. **J. Paneva-Konovska**, Series in Mittag-Leffler functions: inequalities and convergent theorems. *Fractional Calculus & Applied Analysis*, Vol. **13**, No 4 , 2010, 403-414.
ISSN: 1311-0454; **Zbl 1221.30006**; <https://zbmath.org/?q=Series+in+Mittag-Leffler+functions%3A+inequalities+and+convergent+theorems>

6. **J. Paneva-Konovska**, Inequalities and Asymptotic Formulae Related to Generalizations of the Bessel Functions. AMEE 2010, *AIP Conference proceedings*, Vol. **1293**, 2010, 157-164. (In: *American Institute of Physics (AIP)– Conf. Proc. 1293*)
URL: <http://dx.doi.org/10.1063/1.3515580>; doi:10.1063/1.3515580
ISBN 978-0-7354-0850-0; ISSN 0094-243X **SJR (2010) = 0,166**

7. **J. Paneva-Konovska**, Convergence of series in Mittag-Leffler type functions. *AIP Conference Proceedings* (CP), (*AMiTaNS'10*), **1301**, 2010, 636-643.;
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8. **J. Paneva-Konovska**, Series in some Mittag-Leffler type functions: Theorems for their convergence in complex domain. *Proc. of International Symposium "Geometric Function Theory and Applications, Sofia '10"*, IMI, BAS, 2010, 223-228.

9. **J. Paneva-Konovska**, Convergence of series in some multi-index Mittag-Leffler functions. *Proceedings of FDA'10* (The 4th IFAC Workshop Fractional Differentiation and its Applications, Badajoz, Spain, October 18-20, 2010, *Proc. IFAC: FDA'10 (Badajoz, Spain)*), Article no. FDA10-147, 2010, 1-4 (Eds: I. Podlubny, B. M. Vinagre Jara, YQ. Chen, V. Feliu Batlle, I. Tejado Balsera).
ISBN 9788055304878.

10. **J. Paneva-Konovska**, Inequalities and asymptotic formulae for the three parametric Mittag-Leffler functions, *Mathematica Balkanica, New Series* **26**, Fasc. 1-2, 2012, 203-210; ISSN 0205-3217; **Zbl 1272.33021**;
<https://zbmath.org/?q=ai%3Apaneva-konovska.jordanka-d+se%3A00001207>.

11. **J. Paneva-Konovska**, Three-multi-index Mittag-Leffler functions, series and convergence theorems, The Fifth Symposium on Fractional Differentiation and Its Applications May 14-17 2012, Hohai University, Nanjing, China, *Proceedings of FDA'12*, 2012, Paper No: #284, 1-7 (Editors: Wen Chen, HongGuang Sun and Dumitru Baleanu).

12. **J. Paneva-Konovska**, Fatou Type Theorems for Series in Mittag-Leffler Functions, AMEE 2012, *AIP Conf. proceedings*, **1497**, 2012, 318-325; (In: *American Institute of Physics – Conf. Proc. 1497*); doi: 10.1063/1.4766800; **SJR(2012) = 0,176**
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13. **J. Paneva-Konovska**, Comparison between the convergence of power and Mittag-Leffler series, 7th Annual Meeting of the Bulgarian Section of SIAM December 19-20, 2012, Sofia, *Proceedings of BGSIAM'12*, 2012, 111-115, Sofia, Bulgaria.
ISSN: 1314-7145

14. **J. Paneva-Konovska**, Comparison between the convergence of power and Bessel series, AMEE 2013, *AIP Conf. proceedings*, **1570**, 2013, 383-392;
doi: 10.1063/1.4854780; ISBN 978-0-7354-1168-5; ISSN 0094-243X
SJR(2013) = 0,164

15. **J. Paneva-Konovska**, Comparison between the convergence of power and generalized Mittag-Leffler series, Intern. Conf. "Complex analysis and applications' 2013" - 31. Oct.- 02. Nov. 2013, София, *Proceedings of CAA'13*, 166 -173, София, Bulgaria, ISBN 978-954-8986-37-3; **Zbl 1310.40002.**

16. **J. Paneva-Konovska**, Fatou Theorems for Multi-index Bessel Series, AMEE 2014, *AIP Conf. proceedings*, **1631**, 303-312 (2014); doi: 10.1063/1.4902491
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17. **J. Paneva-Konovska**, Overconvergence of Bessel type series, AMEE 2015.
AIP Conf. Proceedings **1690**, 050004, 8 p. (2015) doi: 10.1063/1.4936734
ISBN: 978-0-7354-1337-5, ISSN 0094-243X **SJR(2015) = 0,180**

18. **J. Paneva-Konovska**, On the convergence and overconvergence of Mittag-Leffler series, *Adv Math Sci Journal* **4** (2015), no.2, 175- 181, ISSN 1857-8365
<https://zbmath.org/?q=ai%3Apaneva-konovska.jordanka-d+se%3A00008036>
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19. **J. Paneva-Konovska**, Periphery behaviour of series in Mittag-Leffler type functions, I.
Intern. J. Appl. Math., **29**, No. 1, 2016, 69-78, doi: 10.12732/ijam.v29i1.6
<http://dx.doi.org/10.12732/ijam.v29i1.6>; **Zbl 1359.30008**,
<https://zbmath.org/?q=ai%3Apaneva-konovska.jordanka-d+se%3A00002658>
 ISSN: 1311-1728 (printed version); ISSN: 1314-8060 (on-line version)
20. **J. Paneva-Konovska**, Periphery behaviour of series in Mittag-Leffler type functions, II.
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<http://dx.doi.org/10.12732/ijam.v29i2.2>; **Zbl 1359.30007**,
<https://zbmath.org/?q=ai%3Apaneva-konovska.jordanka-d+se%3A00002658>
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21. **J. Paneva-Konovska**, Series in 3-parameter Mittag-Leffler functions – various convergence theorems, International Conference on Fractional Differentiation and its Applications, Novi Sad, Serbia, July 18 - 20, 2016, *Proceedings of ICFDA'16*, Novi Sad, Serbia, 2016, 786 -789, ISBN 978-86-7892-830-7
 Serbian Society of Mechanics and Faculty of Technical Sciences Novi Sad.
22. **J. Paneva-Konovska**, Y. Nikolova, Laplace transform approach for solving integral equations using Computer Algebra System, AMEE 2016. *AIP Conf. proceedings*, **1789**, 050008 (2016) – 9 стр.; doi: 10.1063/1.4968492 **SJR(2016) = 0,165**
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23. **J. Paneva-Konovska**, On a family of Bessel type functions: Estimations, series, overconvergence, AMEE 2017, *AIP Conf. Proceedings*, **1910**, 050002 1-8 (2017), ISSN 0094-243X, ISBN: 978-0-7354-1602-4, doi:10.1063/1.5013984;
SJR(2017) = 0,165
24. **J. Paneva-Konovska**, Differential and integral relations in the class of multi-index Mittag-Leffler functions, *Fract. Calc. Appl. Anal.*, Vol. **21**, No1 (2018), pp. 254–265; DOI:10.1515/fca-2018–0016, Print ISSN 1311 0454. **Q1-IF(2017) = 3,514**

25. **J. Paneva-Konovska**, Bessel type functions: Relations with integrals and derivatives of arbitrary orders, AMEE 2018, *AIP Conf. Proceedings*, **2048**, 050015, 050015-1 – 050015-6 (2018), ISSN 0094-243X, ISBN: 978-0-7354-1774-8, doi:10.1063/1.5082114; <https://doi.org/10.1063/1.5082114>; **SJR(2018)= 0,182**
26. **J. Paneva-Konovska**, A survey on Bessel type functions as multi-index Mittag-Leffler functions: Differential and integral relations, *International Journal of Applied Mathematics*, **32**, No 3, 2019, 357-380; doi: 10.12732/ijam.v32i3.1, <http://dx.doi.org/10.12732/ijam.v32i3.1>; ISSN: 1311-1728 (printed version); ISSN: 1314-8060 (on-line version) **SJR(2018)= 0,111**

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