

СПИСЪК НА ПУБЛИКАЦИИТЕ

на Йорданка Панева-Коновска, доц. (2008) д.н. (2018)
за периода 2008 – 2019 г.

• Монографии (2 бр.):

1. J. Paneva-Konovska, *From Bessel to Multi-Index Mittag-Leffler Functions: Enumerable Families, Series in them and Convergence*, World Scientific Publishing, 2016, London; ISBN-13: 978-1786340887; ISBN-10: 1786340887
<https://doi.org/10.1142/q0026> , <https://www.worldscientific.com/worldscibooks/10.1142/q0026>
2. J. Paneva-Konovska, *After the Invitation to Bessel Functions*, 116 pp., Softtraid, Sofia, 2019; ISBN 978-954-334-216-7.

• Автореферат (1 бр.):

3. Й. Панева-Коновска, *Функции на Бесел и Миттаг-Лефлер и обобщения (Bessel and Mittag-Leffler Functions and Generalizations)*, Автореферат на дисертация за придобиване на научната степен “доктор на науките“, Изд. ТУ-София; София, 2017, (42 стр, публикуван на страницата на ИМИ на 22 февруари 2018 г.);
http://www.math.bas.bg/IMIdocs/ZRASRB/docs/Yordanka_Paneva-Konovska/YPK-avtoreferat.pdf; http://www.math.bas.bg/IMIdocs/ZRASRB/docs/Yordanka_Paneva-Konovska/YPK-dissertation.pdf

• Научни статии (38 бр.):

• От тях: С импакт фактор (IF) и/или импакт ранг (SJR)–23 броя

4. 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 (pr. vers.); ISSN: 1314-8060 (on-line vers.)

SJR(2018)= 0,111

5. **J. Paneva-Konovska**, Differential and integral relations in the class of multi-index Mittag-Leffler functions, *Fract. Calc. Appl. Anal.*, **21**, No 1, 2018, 254-265; ISSN p 1311-0454, ISSN e 1314-2224, DOI:10.1515/fca-2018-0016 **Q1- IF(2017) = 3.514**
6. **J. Paneva-Konovska**, Bessel type functions: Relations with integrals and derivatives of arbitrary orders, *Amer. Inst. Phys. Conference Proceedings*, **2048**, 2018, Art. 050015, 6 pp. 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**
7. **J. Paneva-Konovska**, Bessel series: some results on their overconvergence. *Compt. rend. Acad. bulg. Sci.*, Tome **70**, No 1, 2017, 21-28; ISSN 1310-1331 http://www.proceedings.bas.bg/PDF17/H_01-03.pdf **Q4- IF(2017) = 0.270**
8. **J. Paneva-Konovska**, Overconvergence of series in generalized Mittag-Leffler functions, *Fract. Calc. Appl. Anal.*, Vol. **20**, No 2, 2017, 506-520; ISSN p 1311-0454, ISSN e 1314-2224, DOI:10.1515/fca-2017-0026 **Q1- IF(2017) = 2.865**
9. **J. Paneva-Konovska**, On a family of Bessel type functions: Estimations, series, overconvergence, *Amer. Inst. Phys. Conference Proceedings*, **1910**, 2017, Art. 050002, 8 pp., ISSN 0094-243X, ISBN: 978-0-7354-1602-4, doi:10.1063/1.5013984; **SJR(2017) = 0.165**
10. **J. Paneva-Konovska**, Y. Nikolova, Laplace transform approach for solving integral equations using Computer Algebra System, *Amer. Inst. Phys. Conference Proceedings*, **1789**, 2016, Art. 050008, 9 pp.; ISBN: 978-0-7354-1453-2, ISSN 0094-243X, doi: 10.1063/1.4968492 <http://scitation.aip.org/content/aip/proceeding/aipcp/10.1063/1.4936734> **SJR(2016) = 0.165**
11. **J. Paneva-Konovska**, On some Mittag-Leffler series: A set of overconvergence theorems, *Amer. Inst. Phys. Conference Proceedings*, **1789**, 2016, Art. 050007, 6 pp.; ISBN: 978-0-7354-1453-2, ISSN 0094-243X, doi: 10.1063/1.4968491 **SJR(2016) = 0.165**
12. **J. Paneva-Konovska**, On the multi-index Mittag-Leffler series and their boundary behaviour, *Integral Transforms and Special Functions*, **26**, No 3 (2015), 152–164; ISSN p 1065-2469, ISSN e 1476-8291, DOI: 10.1080/10652469.2014.975129. **Q3- IF(2015) = 0.528**
13. **J. Paneva-Konovska**, Overconvergence of Bessel series. *Compt. rend. Acad. bulg. Sci.* Tome **68**, No 9, 2015, 1091-1098; ISSN 1310-1331 **Q4- IF(2015) = 0.233**
14. **J. Paneva-Konovska**, Overconvergence of Bessel type series, *Amer. Inst. Phys. Conference Proceedings*, **1690**, 2015, Art. 050004, 8 pp.; ISBN: 978-0-7354-1337-5, ISSN 0094-243X

doi: 10.1063/1.4936734, <http://scitation.aip.org/content/aip/proceeding/aipcp/10.1063/1.4936734>

SJR(2015) = 0.180

15. J. Paneva-Konovska, Convergence of series in three-parametric Mittag-Leffler functions. *Mathematica Slovaca*, Vol. 64, Issue 1, 2014, 73-84, ISSN e: 1337-2211, ISSN p: 0139-9918, DOI: 10.2478/s12175-013-0188-0 **Q4- IF(2014)= 0.409**
16. **J. Paneva-Konovska**, A family of hyper-Bessel functions and convergent series in them, *Fract. Calc. Appl. Anal.*, **17**, No 4, 2014, 1001-1015; ISSN p 1311-0454, ISSN e 1314-2224 DOI:10.2478/s13540-014-0211-3 **Q1- IF(2014) = 2.245**
17. **J. Paneva-Konovska**, Fatou theorems for multi-index Bessel series, *Amer. Inst. Phys. Conference Proceedings*, **1631**, 2014, 303-312; ISBN 978-0-7354-1270-5, ISSN 0094-243X Online: <http://dx.doi.org/10.1063/1.4902491>, doi: 10.1063/1.4902491 **SJR(2014) = 0.171**
18. **J. Paneva-Konovska**, On the multi-index (3m-parametric) Mittag-Leffler functions, fractional calculus relations and series convergence, *Central European Journal of Physics* (now: *Open Physics*) **11**, No 10, 2013, 1164-1177; Print ISSN: 1895-1082, Online ISSN: 1644-3608, DOI: 10.2478/s11534-013-0263-8 **Q3- IF(2013) = 1,077**
19. **J. Paneva-Konovska**, Comparison between the convergence of power and Bessel series, *Amer. Inst. Phys. Conference Proceedings*, **1570**, 2013, 383-392; ISBN 978-0-7354-1168-5; ISSN 0094-243X, doi: 10.1063/1.4854780 **Q4- SJR(2013) = 0.164**
20. **J. Paneva-Konovska**, Fatou type theorems for series in Mittag-Leffler functions, *Amer. Inst. Phys. Conference Proceedings* **1497**, 2012, 318-325; ISBN 978-0-7354-1111-1; ISSN 0094-243X, doi: 10.1063/1.4766800 **SJR(2012) = 0.176**
21. **J. Paneva-Konovska**, The convergence of series in multi-index Mittag-Leffler functions. *Integral Transforms and Special Functions*, **23**, No 3, 2012, 207-221. doi: 10.1080/10652469.2011.575567, ISSN 1065-2469 print / ISSN 1476-8291 online URL: <http://dx.doi.org/10.1080/10652469.2011.575567> **Q2- IF(2012)=0.73**
22. **J. Paneva-Konovska**, Multi-index (3m-parametric) Mittag-Leffler functions and fractional calculus. *Compt. rend. Acad. bulg. Sci.*, Tome 64, No 8, 2011, 1089-1098, ISSN 1310-1331 **Q4- IF= 0.210**
23. **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**
24. **J. Paneva-Konovska**, Inequalities and asymptotic formulae related to generalizations of the

Bessel functions, *Amer. Inst. Phys. Conference Proceedings*, Vol. **1293**, 2010, 157-164 (AMEE 2010); ISBN 978-0-7354-0850-0; ISSN 0094-243X; doi:10.1063/1.3515580

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- 25. J. Paneva-Konovska**, Convergence of series in Mittag-Leffler type functions. *AIP Conference Proceedings*, Vol. **1301**, 2010, 636-643 (AMiTaNS'10), ISBN 978-0-7354-0856-2; ISSN 0094-243X, doi:10.1063/1.3526665;

SJR (2010) = 0.166

- 26. 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

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- **Статии в рецензирани списания индексирани в други бази данни - 8 броя** (ZBL, WoS, Scopus)

- 27. J. Paneva-Konovska**, Inequalities for the partial sums of some Mittag-Leffler type series, *Journal of Inequalities and Special Functions*, **8**, No 1, 2017, 42-47; ISSN: 2217-4303, <http://www.ilirias.com/jiasf/repository/docs/JIASF8-1-4.pdf>

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- 28. J. Paneva-Konovska**, Periphery behaviour of series in Mittag-Leffler type functions, I. *Intern. J. Appl. Math.*, **29**, No 1, 2016, 69-78; ISSN p: 1311-1728, ISSN e : 1314-8060; 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>

- 29. J. Paneva-Konovska**, Periphery behaviour of series in Mittag-Leffler type functions, II.

Intern. J. Appl. Math., **29**, No 2, 2016, 175-186; ISSN p: 1311-1728, ISSN e : 1314-8060;

doi: 10.12732/ijam.v29i2.2, <http://dx.doi.org/10.12732/ijam.v29i2.2>;

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<https://zbmath.org/?q=ai%3Apaneva-konovska.jordanka-d+se%3A00002658>

- 30. J. Paneva-Konovska**, On the convergence and overconvergence of Mittag-Leffler series, *Advances Math Sci Journal* **4**, No 2, 2015, 175- 181; ISSN 1857-8365

<https://zbmath.org/?q=ai%3Apaneva-konovska.jordanka-d+se%3A00008036> **Zbl 1341.30003**

- 31. J. Paneva-Konovska**, Inequalities and asymptotic formulae for the three parametric Mittag-Leffler functions. *Mathematica Balkanica (N.S.)* **26**, No 1-2, 2012, 203-210; ISSN 0205-3217; <https://zbmath.org/?q=ai%3Apaneva-konovska.jordanka-d+se%3A00001207>,

Zbl 1272.33021;

32. **J. Paneva-Konovska**, Series in Mittag-Leffler functions: Geometry of convergence. *Advances Math. Sci., Journal*, **1**, No 2, 2012, 73-79; ISSN 1857-8365, UDC: 517.58:517.521.
33. **J. Paneva-Konovska**, Series in Mittag-Leffler functions: inequalities and convergent theorems. *Fract. Calc. Appl. Anal.*, 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>
34. **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

• **Статии в сборници на международни конференции – 7 броя**

35. **J. Paneva-Konovska**, Series in 3-parameter Mittag-Leffler functions – various convergence theorems, *Proc. International Conference on Fractional Differentiation and its Applications - 2016*, (Novi Sad, Serbia, July 18-20, 2016), 786-789; Serbian Soc. of Mechanics and Fac. of Techn. Sci. Novi Sad, ISBN 978-86-7892-830-7.
36. **J. Paneva-Konovska**, Series in Prabhakar functions and the geometry of their convergence, *Mathematics in Industry* (Ch. V: "Algorithms in Industrial Mathematics"), 198-214, Cambridge Scholars Publi., Cambridge, October 2014 (Ed. A. Slavova), ISBN-13: 978-1443864015; ISBN-10: 1443864013
37. **J. Paneva-Konovska**, Comparison between the convergence of power and generalized Mittag-Leffler series. *Proc. "Complex Analysis and Applications 2013"* (Sofia, 31. Oct.- 02. Nov. 2013), 166 -173, ISBN 978-954-8986-37-3; Zbl 1310.40002
38. **J. Paneva-Konovska**, Three-multi-index Mittag-Leffler functions, series and convergence theorems. *Proc. 5th Symposium on Fractional Differentiation and Its Applications – 2012* (Nanjing, China, May 14-17, 2012), Paper No 284, 1-7 (Eds: W. Chen, H-G Sun, D. Baleanu).
39. **J. Paneva-Konovska**, Comparison between the convergence of power and Mittag-Leffler series. *Proc. of BGSIAM '12* (7th Annual Meeting of the Bulgarian Section of SIAM, Dec. 19-20, 2012, Sofia), 2012, 111-115; ISSN: 1314-7145
40. **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.

41. **J. Paneva-Konovska**, Convergence of series in some multi-index Mittag-Leffler functions. *Proc. 4th IFAC Workshop Fractional Differentiation and its Applications – 2010* (Badajoz, Spain, Oct. 18-20, 2010), Art. No. FDA10-147, 2010, 4 pp. (Eds: I. Podlubny, B. M. Vinagre Jara, YQ. Chen, V. Feliu Batlle, I. Tejado Balsera); ISBN 9788055304878.

• **Учебници и учебни пособия (4 бр.):**

42. **Й. Панева-Коновска**. *Математически анализ 2*, Издателство и печат – Технически университет – София, София, 2018; ISBN: 978-619-167-298-1
43. **Й. Панева-Коновска, Т. Станчева**. *Ръководство по Математически анализ 2 с помощта на MAPLE*, Издателство и печат – Технически университет – София. София, 2014; ISBN: 978-619-167-099-4
44. **Й. Панева-Коновска**. *Трансформация на Лаплас в примери и задачи*. Издателство и печат – Технически университет – София. София, 2012; ISBN: 978-954-438-992-5.
45. **Л. Гърневска, Р. Петрова, Й. Панева-Коновска**. *Комплексни числа. Функция на комплексна променлива*. Издателство “Авангард Прима”. София, 2012; ISBN: 978-619-160-057-1

Общо 45 публикации за периода
2 монографии, 1 автореферат (на защитена дисертация за н.с. „д.н.”);
38 статии, от които: 12 публикации с IF сумарен IF = 12.504 (Q1– 3 бр., Q2 – 1 бр., Q3 – 3 бр., Q4 – 5 бр.) 11 публикации с SJR; сумарен SJR = 1.811 8 публикации в други индексирани списания 7 бр. в сборници на международни конференции
Учебници и учебни пособия – 4 бр.

08.08.2019 г.