

СПИСЪК НА ПУБЛИКАЦИИТЕ

на Йорданка Панева-Коновска, проф. д. н.
Секция: Анализ, геометрия и топология, ИМИ – БАН
(h-index in Scopus=8)

https://scholar.google.bg/scholar?hl=en&q=J+paneva-Konovska&btnG=&as_sdt=1%2C5&as_sdtp=

• Монографии

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.

• Научни статии

1. **J. Paneva-Konovska**, Hyper-Bessel functions as multi-index Mittag-Leffler functions: Integrals and derivatives of arbitrary orders, *Amer. Inst. Phys. Conference Proceedings*, **2172**, 2019, Art. 050005, 8 pp. ISSN 0094-243X, ISBN: 978-0-7354-1919-3, doi:10.1063/1.5133524; <https://doi.org/10.1063/1.5133524>; **SJR(2018)= 0.182**
2. **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; ISSN: 1311-1728 (printed version); ISSN: 1314-8060 (on-line version) **SJR(2018)= 0,111**
3. **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(2018) = 3.514**
4. **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**

5. **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**

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<http://www.ilirias.com/jiasf/repository/docs/JIASF8-1-4.pdf>
 URL: <http://www.ilirias.com> indexed in **WoS**

7. **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**

8. **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](https://doi.org/10.1063/1.5013984); **SJR(2017) = 0.165**

9. **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](https://doi.org/10.1063/1.4968492) **SJR(2016) = 0.165**

10. **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](https://doi.org/10.12732/ijam.v29i1.6), <http://dx.doi.org/10.12732/ijam.v29i1.6>;

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12. **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](https://doi.org/10.1063/1.4968491) **SJR(2016) = 0.165**

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14. **J. Paneva-Konovska**, On the multi-index Mittag-Leffler series and their boundary

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- 15. 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**
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- 17. 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
- 18. 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**
- 19. 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**
- 20. 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**
- 21. 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.
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- 25. J. Paneva-Konovska**, Three-multi-index Mittag-Leffler functions, series and convergence

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- 26. 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**
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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**
- 28. 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
- 29. 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.
- 30. 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
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- 31. 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**
- 32. 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
URL: <http://dx.doi.org/10.1063/1.3515580> **SJR (2010) = 0.166**
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- 35. 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.
- 36. 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.

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- 38. J. Paneva-Konovska**, Some theorems on the convergence of series in Bessel-Maitland functions, *Annuaire de l' Universite de Sofia, Faculte de Mathematiques et Informatique*, Vol. **99** (2009). 75-84. ISSN 0205-0808
- 39. J. Paneva-Konovska**, Cauchy-Hadamard, Abel and Tauber type theorems for series in generalized Bessel-Maitland functions, *Compt. rend. Acad. bulg. Sci.*, vol.. **61**. No 1 (2008). 09-14.
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- 41. J. Paneva-Konovska**, Series in generalized Bessel-Maitland functions: Some Convergence Theorems in the Complex Plane. *Mathematica Balkanica, New Series*. Vol. 22, Fasc. 1-2, 2008. 11-23; ISSN: 0205-3217.
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- 43. J. Paneva-Konovska**, Index-asymptotic formulae for Wright's generalized Bessel functions, *Math. Science Research J.*, vol. **11**, No 5 (May 2007), 424-431, ISSN: 1537-5978.
- 44. I. H. Dimovski, J. D. Paneva-Konovska**, Duhamel representations for a class of non-local boundary value problems. *Math. Balkanica, New Series*. Vol. **18**. Fasc. 3-4 (2004), 266-276.
ISSN: 0205-3217
- 45. J. Paneva-Konovska, P. Petrov**, Mathematical model of non-stationary heat convection of power-plant of non-piloted flying devices. *Прикладная математика и механика (Сборник научных трудов)*. Выпуск 6, Уляновск 2004, 183--191; ISBN: 5-89146-526-4
- 46. Jordanka Paneva-Konovska**, Complete systems of Bessel functions of first kind in spaces of holomorphic functions. *Fractional Calculus & Applied Analysis*. Vol. **6**, No 3 (2003), 299-309.
ISSN: 1311-0454
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• Учебници и учебни пособия

- 1. Й. Панева-Коновска.** *Математически анализ 2*, Издателство и печат – Технически университет – София, София, 2018; ISBN: 978-619-167-298-1.
- 2. 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.
- 3. Й. Панева-Коновска.** *Трансформация на Лаплас в примери и задачи*. Издателство и печат – Технически университет – София. София, 2012; ISBN: 978-954-438-992-5.
- 4. Л. Гърневска, Р. Петрова, Й. Панева-Коновска.** *Комплексни числа. Функция на комплексна променлива*. Издателство "Авангард Прима". София, 2012; ISBN: 978-619-160-057-1.