

ПЪЛЕН СПИСЪК НА ПУБЛИКАЦИИТЕ

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

Катедра: Математически анализ и диференциални уравнения, ФПМИ – ТУ София

& Секция: Анализ, геометрия и топология, ИМИ – БАН

• 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.

• Автореферати (2 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
4. Йорданка Добрева Панева-Коновска, Базисност и пълнота на изброими системи от функции и полиноми на Бесел, *Автореферат на дисертация за присъждане на образователната и научна степен "доктор"*. София, 1998 (24 стр., Изд. ТУ-София; дисертацията е защитена на 01.06. 1999, СНС по Математика и механика на ВАК).

• Научни статии (61 бр.):

• От тях: С импакт фактор (IF) и/или импакт ранг (SJR)–24 броя

5. J. Paneva-Konovska, A survey on Bessel type functions as multi-index Mittag-Leffler functions: Differential and integral relations, *International Journal of Applied Mathematics*,

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ISSN: 1311-1728 (printed version); ISSN: 1314-8060 (on-line version) **SJR(2018)= 0.111**
6. **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**
7. **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**
8. **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**
9. **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**
10. **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**
11. **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**
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 **SJR(2016) = 0.165**
13. **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**
14. **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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16. **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
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17. **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
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18. **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
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22. **J. Paneva-Konovska**, The convergence of series in multi-index Mittag-Leffler functions. *Integral Transforms and Special Functions*, **23**, No 3, 2012, 207-221.
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URL: <http://dx.doi.org/10.1080/10652469.2011.575567>
Q2- IF(2012)=0.73
23. **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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24. **J. Paneva-Konovska**, Convergence of series in Mittag-Leffler functions. *Compt. rend. Acad.*

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25. **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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26. **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;

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28. **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. Zbl 1164.30001;

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• **Статии в рецензирани списания индексирани в други бази данни - 21 броя** (ZBL, WoS, Scopus)

29. **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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30. **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>
31. **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>; Zbl 1359.30007
<https://zbmath.org/?q=ai%3Apaneva-konovska.jordanka-d+se%3A00002658>
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- 40. Ivan H. Dimovski, Jordanka 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.
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42. **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; Zbl 1081.33 007

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• **Статии в рецензирани списания, неиндексирани в други бази данни (ZBL, MR , WoS, Scopus, ...) – 4 броя**

50. Христина Миланова, Красимира Проданова, **Йорданка Панева**. Определяне на статистически значимите фактори за поява на алгоневродистрофия след фрактура на

- дистален радиус, *Годишник на Технически Университет – София*, т. 64, кн. 2, 2014, **171 – 178** (Hristina Milanova, Krassimira Prodanova, Jordanka Paneva, Determination of statistically significant factors for algoneurodistrophy after distal radius fracture, Proceedings of the Technical University – Sofia, v. 64, book 2, 2014, 171 – 178); **ISSN: 1311-0829**
- 51. 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**
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- 53. П. Коновски, Й. Панева**, Средства за текстообработка на персонален компютър “Правец 16”. *Армейски преглед*. Кн.7 (1989), 47-51

• **Статии в сборници на международни конференции – 12 броя**

- 54. 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.
- 55. 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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- 57. 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).
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- 61. E. A. Varbanova, J. D. Paneva-Konovska**, Computer supported teaching and learning of a difficult to master topic in multivariable calculus. *Proc. 37-th Spring Conf. of the Union of Bulg. Math-s "Mathematics and education in mathematics", Borovetz 2008*, 277-285
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- 63. J. Paneva-Konovska**, Complete systems of Bessel functions of third kind in spaces of holomorphic functions. *Proc. 28-th International Summer School "Applications of Mathematics in Engineering and Economics", Sozopol 2002*, Sofia 2003, 64-71.
- 64. J.D. Paneva-Konovska**, On the singularities of Bessel expansions. *Proc. Int. Workshop "Transform Methods & Special Functions, Sofia '94"*, SCT Publishing, Singapore, 220-226;
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• Учебници и учебни пособия (4 бр.):

- 66. Й. Панева-Коновска**. *Математически анализ 2*, Издателство и печат – Технически университет – София, София, 2018; ISBN: 978-619-167-298-1
- 67. 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

68. Й. Панева-Коновска. *Трансформация на Лаплас в примери и задачи.* Издателство и печат –Технически университет – София. София, 2012; ISBN: 978-954-438-992-5.

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Общо публикации
1 автореферат (на защитена дисертация за н.с. „д.н.”) 1 автореферат (на защитена дисертация за о.н.с. „д-р.”)
2 монографии
61 статии, от които: 13 публикации с IF; сумарен IF = 12.656 (Q1- 3 бр., Q2 - 1 бр. , Q3 - 3 бр., Q4 - 6 бр.) 11 публикации с SJR; сумарен SJR = 1.811 21 публикации в други индексирани списания 4 публикации в рецензирани неиндексирани списания 12 бр. в сборници на международни конференции
Учебници и учебни пособия – 4 бр.

08.08.2019 г.