

Lista Publikacji w roku 2014 – Instytut Matematyki

1. P.Bartłomiejczyk, Piotr Nowak-Przygodzki, On the topology of the spaces of partial and local maps, *Georgian Math. J.* 21(1) (2014), 41-48. (**JCR 15 pkt.**)
2. P.Bartłomiejczyk, Piotr Nowak-Przygodzki, On the homotopy equivalence of the spaces of proper and local maps, *Cent. Eur. J. Math.* 12(9) (2014), 1330-1336. (**JCR 20 pkt.**)
3. P.Bartłomiejczyk, Piotr Nowak-Przygodzki, The exponential law for partial, local and proper maps and its application to otopy theory, *Commun. Contemp. Math.* 16(5) (2014), 1450005 (12 pages) (**JCR 30 pkt.**)
4. T.Człapiński, Global convergence of successive approximations of the Darboux problem for partial functional differential equations with infinite delay, *Opuscula Mathematica* 34 (2014), str. 327-338, (10 pkt.)
5. A.Demby, Jak wykonać diagram kołowy?, *Matematyka w Szkole. Czasopismo dla nauczycieli*, 74 (2014), str. 37-41 (niepunktowane).
6. R.Filipów, J. Tryba: Convergence in van der Waerden and Hindman spaces, *Topology and its Applications (Topology Appl.)* 178, (2014), 438-452 (**JCR 20 pkt.**)
7. R.Filipów, M. Staniszewski: On ideal equal convergence, *Central European Journal of Mathematics (Cent. Eur. J. Math)*, 12(6), (2014), 896-910 (**JCR 20 pkt.**)
8. R.Filipów: The reaping and splitting numbers of nice ideals, *Colloquium Mathematicum (Colloq. Math.)* 134, no. 2, (2014), 179-192 (**JCR 15 pkt.**)
9. G.Gromadzki, Conjugacy classes of symmetries of compact Kleinian 3-manifolds, *Contemporary Mathematics* 629 181-188 (2014) współautor R. A. Hidalgo (10 pkt.)
10. G.Gromadzki, Connectivity and dimension of the p-locus in moduli space, *Contemporary Mathematics* 629 189-202 (2014) (współautorzy: A. Weaver, A. Wootton), (10 pkt.)
11. G.Gromadzki, Free degree of periodic self-homeomorphisms of compact orientable surfaces, *Contemporary Mathematics* 629 203-224 (2014) (współautor: X. Zhao) (10 pkt.)
12. G.Gromadzki, Double coverings of non-orientable Riemann surfaces ramified over discrete sets, *Computational Methods and Function Theory* 14 (2014), 237-246 (współautor: E. Bujalance). (**JCR 15 pkt.**)
13. J.Gulgowski, B. Wolnik, *Metody wyboru metody regresji, Metody Matematyczne w zastosowaniach, t. II, Gdańsk 2014.*
14. J. Gulgowski, Approximation of solutions to second order nonlinear Picard problems with Carathéodory right-hand side, *Central European Journal of Mathematics.* (2014), Vol. 12, no. 1, s. 155-166 (**JCR 20 pkt.**)
15. D. Jaruszewska-Walczak, W.Czernous, Difference problems generated by infinite systems of nonlinear parabolic functional differential equations with the Robin conditions, *Opuscula Math.* 34, no. 2 (2014), 311-326. (10 pkt.)
16. Z.Kamont, A.Szafrńska, Explicit and implicit difference methods for quasilinear first order partial functional differential equations, *Comput. Methods Appl. Math.* 14 (2014), no. 2, 151-175.
17. Z.Kamont, W.Czernous, Method of Lines for Quasilinear Functional Differential Equations *Ukrainian Mathematical Journal* Volume: 65 Issue: 10 Pages: 1514-1541 (2014), (**JCR 15 pkt.**)
18. Z.Kamont, Differentiability with respect to initial functions of solutions to nonlinear hyperbolic functional differential systems *Collectanea Mathematica* Volume: 65 3:379-405, (2014), (**JCR 25 pkt.**)

19. Z.Kamont, . Functional differential inequalities with partial derivatives Bulletin of the Belgian Mathematical Society Simon Stevin, Volume: 21 Issue: 1 Pages: 127-146 Published: JAN-MAR 2014 (**JCR 15 pkt.**)
20. Z.Kamont, Existence and regularity of solutions for hyperbolic functional differential problems, Opuscula Mathematica, 34, 2 (2014), 217-242. (10 pkt.)
21. A.Karpowicz, „The existence of a unique solution of the hyperbolic functional differential equation”, Demonstratio Mathematica, 47 (2014), str. 866-877, (8 pkt.)
22. K.Kropielnicka, P.Bader, A.Iserles, et al. Effective Approximation for the Semiclassical Schrodinger Equation Foundations of Computational Mathematics, Volume: 14 Issue: 4 Pages: 689-720 Published: AUG (2014), (**JCR 50 pkt.**)
23. I.Krzyżanowska, Zbigniew Szafraniec, On polynomial mappings from the plane to the plane - Journal of the Mathematical Society of Japan - (2014), Vol. 66, no. 3, s. 805-818, (**JCR 25 pkt.**)
24. I.Krzyżanowska, Zbigniew Szafraniec, Polynomial mappings into a Stiefel manifold and immersions - Houston Journal of Mathematics – (2014), Vol. 40, no. 3, s. 987-1006 (**JCR 20 pkt.**)
25. H.Leszczyński, M. Matusik, The Method of Lines for Ternary Diffusion Problems, Abstract and Applied Analysis Article, Number: 517285 Published: (2014), (**JCR 40 pkt.**)
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30. E.Mrożek, Uchwycić kopię, czy podjąć własną aktywność myślową? - o nauczaniu porównywania różnicowego i ilorazowego w szkole, Problemy Wczesnej Edukacji/ Issues in Early Education, nr 1(24) (2014), (9 pkt.)
31. A.Nowik, Hereditarily nonparadoxical sets revisited, Topology and its Applications (Topol Appl.). 161 (2014), 377–385, (**JCR 20 pkt.**)
32. J.H.Przytycki, A.S.Sikora, Distributive Products and Their Homology, Communications in Algebra, 42(3), January (2014), 1258-1269, (**JCR 20 pkt.**)
33. J.H.Przytycki, A.~Crans, , Torsion in one term distributive homology, Fundamenta Mathematicae, 225, May (2014), 75-94, (**JCR 20 pkt.**)
34. J.H.Przytycki, R.Sazdanovic, Torsion in Khovanov homology of semi-adequate links, Fundamenta Mathematicae, 225, May (2014), 277-30, (**JCR 20 pkt.**)
35. E.Puźniakowska - Gałuch, Generalized Cauchy problems for hyperbolic functional differential systems, Annales Polonici Mathematici, (2014), Vol. 110, no. 1, s. 33-53, (**JCR 15 pkt.**)
36. J.Pykacz, C. Garola, M. Persano, S. Sozzo, Finite Local Models for the GHZ Experiment, International Journal of Theoretical Physics 53 (2014) 622-644, (**JCR 25 pkt.**)
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38. T.Szarek, T. Komorowski, The law of the iterated logarithm for passive tracer in a two-dimensional flow. *Journal Lond. Math. Soc.* (2) 89 (2014), no. 2, 482–498, (**JCR 35 pkt.**)
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41. A.Szczepański, A.Gąsior, Flat manifolds with holonomy group Zk_2 of diagonal type. *Osaka J. Math.* 51 (2014), no. 4, 1015–1027, (**JCR 15 pkt.**)
42. B.Szepietowski, Counting pseudo-Anosov mapping classes on the 3-punctured projective plane, *Turkish Journal of Mathematics* 38 (2014), 524-534, (**JCR 20 pkt.**)
43. B.Szepietowski, Low-dimensional linear representations of the mapping class group of a nonorientable surface, *Algebraic & Geometric Topology* 14 (2014) 2445–2474, (**JCR 20 pkt.**)
44. B.Szepietowski, On finite index subgroups of the mapping class group of a nonorientable surface, *Glasnik Matematički* 49 (2014), 337-350, (**JCR 15 pkt.**)
45. M.Szyszkowski, A. Maliszewski, Level sets on disk, *American Mathematical Monthly* (*Am. Math. Mon*) 121 (30) (2014), pp. 221-227, (**JCR 20 pkt.**)
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47. B. Wolnik, B.Ćmiel, K. Dzedziul, The smoothness test for a density function, *Nonlinear Analysis: Theory, Methods & Applications*, vol. 104, s 21-39, (2014), (**JCR 45 pkt.**)
48. M.Wrzosek, Newton's method for first-order stochastic functional partial differential equations, *Commentationes Mathematicae*, (2014), Vol. 54, no. 1, s. 51-64, (7 pkt.)
49. P.Zarzycki, Mariola Tokarska, Agnieszka Orzeszek, *Matematyka 6. Zeszyt ćwiczeń podstawowych*, Gdańskie Wydawnictwo Oświatowe, Gdańsk 2014.
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51. A.Zastrow , Žiga Virk, The comparison of topologies related to various concepts of generalized covering spacer, *Topology and its Applications* Vol. 170, s. 52–62, (2014), (**JCR 20 pkt.**)
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