

1. Arzhantseva Goulnara, **Gal Światosław**
On approximation properties of semidirect products of groups
Ann. Math. Blaise Pascal, 2020, **27**, 125-130.
IF = 0

2. Avilés Antonio, Marciszewski Witold, **Plebanek Grzegorz**
Twisted sums of c_0 and $C(K)$ -spaces: A solution to the CCKY problem
Adv. Math., 2020, **369**, 1-31.
IF = 1.494

3. Babenko Alexander, **Kryakin Yuriy**
On the norms of Boman-Shapiro difference operators
Trudy Instituta Matematiki i Mekhaniki UrO RAN, 2020, **26**, 64-75.
IF = 0

4. **Bendikov Alexander, Cygan Wojciech**
Poisson approximation related to spectra of hierarchical Laplacians
Stoch. Dyn., 2020, **20**, 1-17.
IF = 0.742

5. Berg Christian, **Szwarc Ryszard**
Closable Hankel operators and moment problems
Integr. Equ. Oper. Theory, 2020, **92**, 1-9.
IF = 0.921

6. **Biler Piotr**
Singularities of solutions to chemotaxis systems
De Gruyter, Berlin, 2020, 207.
ISBN 9783110597899

7. **Bogdan Malgorzata, Kos Michal Piotr**
On the asymptotic properties of SLOPE
Sankhya: Series A, 2020, **82**, 499-532.
IF = 0

8. **Bogdan Malgorzata, Kos Michal Piotr, Glynn Nancy W., Harezlak Jaroslaw**
Classification of human physical activity based on raw accelerometry data via spherical coordinate transformation
Stat. Med., 2020, **39**, 2901-2920.
IF = 1.783

9. Bogus Kamil, **Buraczewski Dariusz**, Marynych Alexander
Self-similar solutions of kinetic-type equations: the boundary case
Stoch. Process. Their Appl., 2020, **130**, 677-693.
IF = 1.414

10. **Borodulin-Nadzieja Piotr**, Farkas Barnabás
Analytic P-ideals and Banach spaces
J. Funct. Anal., 2020, **279**, 1-31.
IF = 1.496

11. **Borodulin-Nadzieja Piotr**, Żuchowski Tomasz
On nonseparable growths of ω supporting measures
Proc. Amer. Math. Soc., 2020, **148**, 4983-4995.
IF = 0.927

12. Bourgain Jean, **Mirek Mariusz, Wróbel Błażej**, Stein Elias
On discrete Hardy–Littlewood maximal functions over the balls in \mathbb{Z}^d : dimension-free estimates
in: Geometric Aspects of Functional Analysis : Israel Seminar (GAFA) 2017-2019 :
Volume 1 / red.Bo'az Klartag, Emanuel Milman

Springer, Cham, 2020, 127-169.

13. Bownik Marcin, **Rzeszotnik Ziemowit**

Open problems in wavelet theory

in: Operator Theory, Operator Algebras and Their Interactions with Geometry and Topology / red.Raul E. Curto, William Helton, Huaxin Lin, Xiang Tang, Rongwei Yang, Guoliang Yu

Springer, Basel, 2020, 77-100.

14. **Buraczewski Dariusz**, Dovgay Bohdan, Iksanov Oleksandr

On intermediate levels of nested occupancy scheme in random environment generated by stick-breaking I

Electron. J. Probab., 2020, **25**, 1-24.

IF = 1.123

15. **Buraczewski Dariusz**, **Dyszewski Piotr**, Marynych Alexander, Iksanov Oleksandr

Random walks in a strongly sparse random environment

Stoch. Process. Their Appl., 2020, **130**, 3990-4027.

IF = 1.414

16. **Celiński Rafał**, **Raczyński Andrzej**

Asymptotic profile of solutions to a certain chemotaxis system

Communications on Pure and Applied Analysis, 2020, **19**, 911-922.

IF = 1.105

17. Chalopin Jérémie, Chepoi Victor, Hirai Hiroshi, **Osajda Damian**

Weakly modular graphs and nonpositive curvature

Mem. Am. Math. Soc., 2020, **268**, 1-159.

IF = 2.895

18. Czarna Irmina, **Kazubowski Adam**

Optimality of impulse control problem in refracted Lévy model with Parisian Ruin and transaction costs

Journal of Optimization Theory and Applications, 2020, **185**, 982-1007.

IF = 1.388

19. Czarna Irmina, Palmowski Zbigniew, **Kasubowski Adam**, Li Shu

Fluctuation identities for omega-killed spectrally negative Markov additive processes and dividend problem

Adv. Appl. Probab., 2020, **52**, 404-432.

IF = 0.73

20. **Damek Ewa**, Kołodziejek Bartosz

Stochastic recursions: Between Kesten's and Grincevičius–Grey's assumptions

Stoch. Process. Their Appl., 2020, **130**, 1792-1819.

IF = 1.414

21. **Dębicki Krzysztof**, Hashorva Enkelejd

Approximation of supremum of max-stable stationary processes and Pickands constants

J. Theor. Probab., 2020, **33**, 444-464.

IF = 0.682

22. **Dębicki Krzysztof**, Hashorva Enkelejd, Michna Zbigniew

Simultaneous ruin probability for two-dimensional brownian risk model

J. Appl. Probab., 2020, **57**, 597-612.

IF = 0.577

23. **Dębicki Krzysztof**, Hashorva Enkelejd, Wang Longmin

Extremes of vector-valued Gaussian processes

Stoch. Process. Their Appl., 2020, **130**, 5802-5837.

IF = 1.414

24. **Dębicki Krzysztof**, Ji Lanpeng, **Rolski Tomasz**

Exact asymptotics of component-wise extrema of two-dimensional Brownian motion

Extremes, 2020, **23**, 569-602.

IF = 1.136

25. **Dębicki Krzysztof**, Liu Peng, Michna Zbigniew

Sojourn times of Gaussian processes with trend

J. Theor. Probab., 2020, **33**, 2119-2166.

IF = 0.682

26. **Dębicki Krzysztof**, Tabiś Kamil

Pickands-Piterbarg constants for self-similar Gaussian processes

Prob. Math. Stat., 2020, **40**, 297-315.

IF = 0.617

27. Di Piazza Luisa, Musiał Kazimierz, Sambucini Anna Rita

Multi-integrals of finite variation

Boll. Unione Mat. Ital., 2020, **13**, 459-468.

IF = 0

28. **Dobrowolski Jan**, Hoffmann Daniel, Lee Junguk

Elementary equivalence theorem for PAC structures

J. Symb. Log., 2020, **85**, 1467-1498.

IF = 0.642

29. **Dobrowolski Jan**, Wagner Frank Olaf

On ω -categorical groups and rings of finite burden

Isr. J. Math., 2020, **236**, 801-839.

IF = 0.894

30. Dymara Jan

Old recurrence formulae for growth series of Coxeter groups

Colloq. Math., 2020, **162**, 135-141.

IF = 0.535

31. Dymara Jan, Januszkiewicz Lech Tadeusz, Przytycki Józef H

Symplectic structure on colorings, Lagrangian tangles and Tits buildings

Bulletin of the Polish Academy of Sciences. Mathematics, 2020, **68**, 169-194.

IF = 0

32. Dyszewski Piotr, Gantert Nina, Höfelsauer Thomas

Large deviations for the maximum of a branching random walk with stretched exponential tails

Electron. Commun. Probab., 2020, **25**, 1-13.

IF = 0.606

33. Dyszewski Piotr, Mikosch Thomas

Homogeneous mappings of regularly varying vectors

Ann. Appl. Probab., 2020, **30**, 2999-3026.

IF = 1.537

34. Dziubański Jacek, Hejna Agnieszka

Remark on atomic decompositions for the Hardy space H^1 in the rational Dunkl setting

Studia Math., 2020, **251**, 89-110.

IF = 0.955

35. Ejsmont Wiktor

Poisson type operators on the Fock space of type B and in the Blitvic model

J. Operat. Theor., 2020, **84**, 67-97.

IF = 0.69

36. **Ejsmont Wiktor**, Lehner Franz

The free tangent law

Adv. in Appl. Math., 2020, **121**, 1-32.

IF = 0.952

37. **Ejsmont Wiktor**, Łyko Janusz

Health value added of healthcare entities

Econometrics, 2020, **24**, 51-58.

IF = 0

38. Engel Alexander, **Marcinkowski Michał**

Burghelea conjecture and asymptotic dimension of groups

Journal of Topology and Analysis, 2020, **12**, 321-356.

IF = 0.817

39. Fefferman Charles, Ionescu Alex, Tao Terence, Wainger Stephen, Magyar Akos, **Mirek Mariusz**, Nagel Alexander, Phong Duong Hong, Pierce Lillian, Ricci Fulvio, Sogge Christopher, Street Brian

Analysis and applications: The mathematical work of Elias Stein

Bull. Am. Math. Soc., 2020, **57**, 523-594.

IF = 1.324

40. Glynn Nancy W., **Harezlak Jarosław**, Urbanek Jacek K., Fadel William F.

Use of functional linear models to detect associations between characteristics of walking and continuous responses using accelerometry data

Sensors, 2020, **20**, 1-13.

IF = 3.275

41. **Grech Mariusz**, **Kisielewicz Andrzej**

Graphical representations of cyclic permutation groups

Discrete Applied Mathematics, 2020, **277**, 172-179.

IF = 1.041

42. Hejna Agnieszka

Hardy spaces for the Dunkl harmonic oscillator

MaMath. Nachr., 2020, **293**, 2112-2139.

IF = 0.91

43. **Hoda Nima**

Quadric complexes

Michigan Mathematical Journal, 2020, **69**, 241-271.

IF = 0.691

44. **Hoda Nima**, Wise Daniel T., Woodhouse Daniel J.

Residually finite tubular groups

Proc. R. Soc. Edinb. Sect. A-Math., 2020, **150**, 2937-2951.

IF = 1.009

45. Huang Jingyin, **Osajda Damian**

Large-type Artin groups are systolic

Proc. London Math. Soc., 2020, **120**, 95-123.

IF = 1.366

46. **Jasiulis-Goldyn Barbara**, **Arendarczyk Marek**, Misiewicz Jolanta Krystyna,
Rosiński Jan, Omey Edward

Infinitely divisible probability measures under generalized convolutions

in: Proceedings ISI World Statistics World Congress Special Topics

Department of Statistics Malaysia, Putrajaya (Malezja), 2020, 105-113.

47. **Jasiulis-Goldyn Barbara**, Misiewicz Jolanta Krystyna, Naskręć Karolina, Omey Edward
Renewal theory for extremal Markov sequences of Kendall type
Stoch. Process. Their Appl., 2020, **130**, 3277-3294.
IF = 1.414
48. **Jurek Zbigniew**
On a relation between classical and freeinfinitely divisible transforms
Prob. Math. Stat., 2020, **40**, 349-367.
IF = 0.617
49. **Karch Grzegorz**, **Krupski Miłosz**, Kassmann Moritz
A framework for nonlocal, nonlinear initial value problems
SIAM Journal on Mathematical Analysis, 2020, **52**, 2383-2410.
IF = 1.392
50. **Karch Grzegorz**, Schonbek Maria Elena, Schonbek Tomas
Singularities of certain finite energy solutions to the Navier-Stokes system
Discret. Contin. Dyn. Syst.-Ser.A, 2020, **40**, 189-206.
IF = 1.338
51. Kim Byunghan, **Lee Junguk**, Kim SunYoung
Non-commutative groupoids obtained from the failure of 3-uniqueness in stable theories
Fundam. Math., 2020, **249**, 47-70.
IF = 0.556
52. **Kolesko Konrad**, Meiners Matthias, Iksanov Oleksandr
Fluctuations of Biggins' martingales at complex parameters
Ann. Inst. Henri Poincare-Probab. Stat., 2020, **56**, 2445-2479.
IF = 1.254

53. Kucharski Maciej Tomasz
Dimension-free estimates for Riesz transforms related to the harmonic oscillator
Colloq. Math., 2020, **165**, 139-161.
IF = 0.535
54. **Kwiatkowska Aleksandra**, Malicki Maciej
Ordered structures and large conjugacy classes
Journal of Algebra, 2020, **557**, 67-96.
IF = 0.745
55. Larsson Johan, **Bogdan Malgorzata**, Wallin Jonas
The Strong Screening Rule for SLOPE
in: Advances in Neural Information Processing Systems 33 (NeurIPS 2020) /
red.Hugo Larochelle, Marc'Aurelio Ranzato, Raia Hadsell, Maria-Florina Balcan,
Hsuan-Tien Lin
Curran Associates, Inc., New York, 2020, 14592-14603.
56. Last Günter, **Szekli Ryszard**, Yogeshwaran Dhandapani
Some remarks on associated random fields, random measures and point processes
ALEA-Latin Am. J. Probab. Math., 2020, **17**, 355-374.
IF = 0.624
57. **Lee Junguk**
Hyperfields, truncated DVRs, and valued fields
J. Number Theory, 2020, **212**, 40-71.
IF = 0.718
58. Lee Sangkyun, **Bogdan Malgorzata**, Kremer Philipp J., Paterlini Sandra
Sparse portfolio selection via the sorted ℓ_1 -Norm
Journal of Banking and Finance, 2020, **110**, 1-41.

IF = 2.269

59. **Lorek Paweł**, Gotfryd Karol, Zagórski Filip, Łoś Grzegorz

On testing pseudorandom generators via statistical tests based on the arcsine law

J. Comput. Appl. Math., 2020, **380**, 1-17.

IF = 2.037

60. Magdziarz Marcin, **Szczotka Władysław**

Nonlinear dynamics of continuous-time random walks in inhomogeneous medium

Chaos, 2020, **30**, 1-8.

IF = 2.832

61. **Marcinkowski Michał**

Aut-invariant word norm on right-angled Artin and right-angled Coxeter groups

Michigan Mathematical Journal, 2020, **69**, 285-295.

IF = 0.691

62. Marciszewski Witold, **Plebanek Grzegorz**, Cabello Sánchez Félix, Castillo Jesús M.F., Salguero-Alarcón Alberto

Sailing over three problems of Koszmider

J. Funct. Anal., 2020, **279**, 1-22.

IF = 1.496

63. Matsui Muneya, **Świątkowski Witold**

Tail indices for $AX+B$ recursion with triangular matrices

J. Theor. Probab., 2020, **Online First**, 1-39.

IF = 0.682

64. **Mirek Mariusz**, Stein Elias, Zorin-Kranich Pavel

Jump inequalities via real interpolation

Math. Ann., 2020, **376**, 797-819.

IF = 1.136

65. **Mirek Mariusz**, Stein Elias, Zorin-Kranich Pavel

Jump inequalities for translation-invariant operators of Radon type on \mathbb{Z}^d

Adv. Math., 2020, **365**, 1-57.

IF = 1.494

66. **Mirek Mariusz**, Stein Elias, Zorin-Kranich Pavel

A bootstrapping approach to jump inequalities and their applications

Anal. PDE, 2020, **13**, 527-558.

IF = 1.712

67. **Młotkowski Wojciech**, Liszewska Elżbieta

Some relatives of the Catalan sequence

Adv. in Appl. Math., 2020, **121**, 1-21.

IF = 0.952

68. **Młotkowski Wojciech**, Obata Nobuaki

On quadratic embedding constants of star product graphs

Hokkaido Math. J., 2020, **49**, 129-163.

IF = 0.491

69. **Młotkowski Wojciech**, Sakuma Noriyoshi, Ueda Yuki

Free self-decomposability and unimodality of the Fuss–Catalan distributions

J. Stat. Phys., 2020, **178**, 1055-1075.

IF = 1.243

70. Moconja Slavko, Tanović Predrag

Stationarily ordered types and the number of countable models

Ann. Pure Appl. Log., 2020, **171**, 1-36.

IF = 0.752

71. Morawiec Adam

Itinerarium Wittichi ex Calendarium Sculteti: new biographical evidence on the Breslau mathematician Paul Wittich (ca. 1546–ca. 1587)

Centaurus, 2020, **62**, 465-478.

IF = 0.231

72. Newelski Ludomir, Malinowski Adam Marek

On countable closed covers of compact spaces

Topology Appl., 2020, **272**, 1-11.

IF = 0.531

73. Osajda Damian

Small cancellation labellings of some infinite graphs and applications

Acta Mathematica, 2020, **225**, 159-191.

IF = 2.459

74. Oussi Lahcen

A (p,q) -deformed recurrence for the Bell numbers

J. Integer Seq., 2020, **23**, 1-8.

IF = 0.39

75. Palmowski Zbigniew, Tumilewicz Joanna Beata, Donno De Marzia

Double continuation regions for American and Swing options with negative discount rate in Lévy models

Math. Finance, 2020, **30**, 196-227.

IF = 2.25

76. Paluszyński Maciej, Zienkiewicz Jacek

A remark on atomic decompositions of martingale Hardy's spaces

Journal of Geometric Analysis, 2020, **Online first**, 1-13.

IF = 0.924

77. **Pawlikowski Janusz**, Stadnicki Wojciech

Playing with Mathias

Topology Appl., 2020, **285**, 1-38.

IF = 0.531

78. **Preisner Marcin**, Kania-Strojec Edyta, Plewa Paweł

Local atomic decompositions for multidimensional Hardy spaces

Rev. Mat. Complut., 2020, **Online First**, 1-26.

IF = 0.855

79. Rejchel Wojciech, **Bogdan Malgorzata**

Rank-based Lasso - efficient methods for high-dimensional robust model selection

JMLR, 2020, **21**, 1-47.

IF = 3.484

80. Ricci Fulvio, **Wróbel Błażej**

Spectral multipliers for functions of fixed K-type on $L_p(SL(2, \mathbb{R}))$

MaMath. Nachr., 2020, **293**, 554-584.

IF = 0.91

81. **Rzepecki Tomasz**, **Krupiński Krzysztof**

Galois groups as quotients of Polish groups

J. Math. Log., 2020, **20**, 1-48.

IF = 1.318

82. **Świątkowski Jacek**

Trees of metric compacta and trees of manifolds

Geometry and Topology, 2020, **24**, 533-592.

IF = 1.479

83. Świątkowski Jacek

Trees of manifolds as boundaries of spaces and groups

Geometry and Topology, 2020, **24**, 593-622.

IF = 1.479

84. Świderski Grzegorz

Spectral properties of some complex Jacobi matrices

Integr. Equ. Oper. Theory, 2020, **92**, 1-24.

IF = 0.921

85. Świderski Grzegorz, Trojan Bartosz

Asymptotic behaviour of Christoffel-Darboux kernel via three-term recurrence relation I

Constr. Approx., 2020, **Online first articles**, 1-68.

IF = 1.531

86. Tanović Predrag, Moconja Slavko, Ilić Dejan

Around Rubin's "Theories of linear order"

J. Symb. Log., 2020, **85**, 1403-1426.

IF = 0.642

87. Urban Roman

Andriej Nikolajewicz Kołmogorow - Humanista

Wiomości Matematyczne, 2020, **56**, 89-102.

IF = 0

88. Wysoczański Janusz, Crismale Vitonofrio, Griseta Maria Elena

Weakly monotone Fock space and monotone convolution of the Wigner law

J. Theor. Probab., 2020, **33**, 268-294.

IF = 0.682

89. Wysoczański Janusz, Wysoczańska-Kula Anna

Joint monotone and boolean numerical and spectral radii of d-tuples of operators

Adv. Oper. Theory, 2020, **5**, 1039-1060.

IF = 0