

Lista publikacji w 2022 roku

1. **Antasik Aleksander**

Sampling C^1 -submanifolds of H^n
Colloq. Math., 2022, **168**, 211-228.
IF = 0.631

2. **Arendarczyk Marek, Kozubowski Tomasz, Panorska Anna**

The Greenwood statistic, stochastic dominance, clustering and heavy tails
Scandinavian Journal of Statistics, 2022, **49**, 331-352.
IF = 1.04

3. **Arici Francesca, D'Andrea Francesco, Hajac Piotr M., Tobolski Mariusz**

An equivariant pullback structure of trimmable graph C^* -algebras
Journal of Noncommutative Geometry, 2022, **16**, 761-785.
IF = 0.768

4. **Avilés Antonio, Martínez-Cervantes Gonzalo, Plebanek Grzegorz**

Abundance of independent sequences in compact spaces and Boolean algebras
Rev. Real Acad. Cienc. Exactas Fis., 2022, **116**, 1-19.
IF = 2.276

5. **Berg Christian, Szwarc Ryszard**

Self-adjoint operators associated with Hankel moment matrices
J. Funct. Anal., 2022, **283**, 1-29.
IF = 1.891

6. **Biler Piotr, Boritchev Alexandre, Karch Grzegorz, Laurencot Philippe**

Sharp Sobolev estimates for concentration of solutions to an aggregation-diffusion equation

J. Dyn. Differ. Equ., 2022, **34**, 3131-3141.

IF = 1.819

7. **Bisewski Krzysztof, Dębicki Krzysztof, Rolski Tomasz**

Derivative of the expected supremum of fractional Brownian motion at $H=1$

Queueing Syst., 2022, **102**, 53-68.

IF = 1.402

8. **Bisewski Krzysztof, Dębicki Krzysztof, Rolski Tomasz**

Derivatives of sup-functionals of fractional Brownian motion evaluated at $H= 1/2$

Electron. J. Probab., 2022, **27**, 1-36.

IF = 1.134

9. **Bogdan Małgorzata, Frommlet Florian**

Identifying important predictors in large data bases - multiple testing and model selection

in: Handbook of multiple comparisons / red.Xinping Cui, Ying Ding, Jason C. Hsu, Thorsten Dickhaus

Taylor and Francis Group, Boca Raton, 2022, 139-182.

10. **Brandenbursky Michael, Marcinkowski Michał**

Bounded cohomology of transformation groups

Math. Ann., 2022, **382**, 1181-1197.

IF = 1.334

11. **Brandenbursky Michael, Marcinkowski Michał, Shelukhin Egor**

The Schwarz-Milnor lemma for braids and area-preserving diffeomorphisms

Sel. Math.-New Ser., 2022, **28**, 1-20.

IF = 1.172

12. **Brofferio Sara, Buraczewski Dariusz, Szarek Tomasz**

On uniqueness of invariant measures for random walks on $\text{HOMEO}^+(\mathbb{R})$

Ergod. Theory Dyn. Syst., 2022, **42**, 2207-2238.

IF = 1.066

13. Buraczewski Dariusz, Damek Ewa

Limit theorems for supercritical branching processes in random environment

Bernoulli, 2022, **28**, 1602-1624.

IF = 1.822

14. Buraczewski Dariusz, Dyszewski Piotr

Precise large deviation estimates for branching process in random environment

Ann. Inst. Henri Poincaré-Probab. Stat., 2022, **58**, 1669 -1700.

IF = 1.484

15. Buraczewski Dariusz, Iksanov Oleksandr, Marynych Alexander

Central limit theorem for the least common multiple of a uniformly sampled m -tuple of integers

J. Number Theory, 2022, **233**, 301-336.

IF = 0.679

16. Cadena Meitner, Jasiulis-Goldyn Barbara, Omey Edward

Asymptotics for Kendall's renewal function

ALEA-Latin Am. J. Probab. Math., 2022, **19**, 1401-1420.

IF = 0.732

17. Cannone Marco, Karch Grzegorz, Pilarczyk Dominika, Wu Gang

Stability of singular solutions to the Navier-Stokes system

J. Differ. Equ, 2022, **314**, 316-339.

IF = 2.615

18. Chirvasitu Alexandru, Dąbrowski Ludwik, Tobolski Mariusz

The Bestvina-Edwards theorem and the Hilbert-Smith conjecture

Kyoto J. Math., 2022, **62**, 523-545.

IF = 0.778

19. Couto Oliver, Wróblewski Jarosław

Sum of two sixth powers equal to difference of two fourth powers

Bull. Math. Stat. Res., 2022, **10**, 42-44.

IF = 0

20. Cygan Wojciech, Kaleta Kamil, Śliwiński Mateusz

Decay of harmonic functions for discrete time Feynman-Kac operators with confining potentials

ALEA-Latin Am. J. Probab. Math., 2022, **19**, 1071-1101.

IF = 0.732

21. Cygan Szymon, Marciniak-Czochra Anna, Karch Grzegorz

Discontinuous stationary solutions to certain reaction-diffusion systems

PDEA, 2022, **3**, 1-15.

IF = 0

22. Cygan Szymon, Marciniak-Czochra Anna, Karch Grzegorz, Suzuki Kanako

Instability of all regular stationary solutions to reaction-diffusion-ODE systems

J. Differ. Equ., 2022, **337**, 460-482.

IF = 2.615

23. Cygan Wojciech, Sandrić Nikola, Šebek Stjepan

Convex hulls of stable random walks

Electron. J. Probab., 2022, **27**, 1-30.

IF = 1.134

24. Cygan Wojciech, Sandrić Nikola, Šebek Stjepan

Central limit theorem for the capacity of the range of stable random walks

Stochastics, 2022, **94**, 226-247.

IF = 1

25. Dainotti Maria Giovanna, De Simone Biagio, Schiavone Tiziano, Montani Giovanni, Lambiase Gaetano, Bogdan Malgorzata, Ugale Sahil

On the evolution of the Hubble constant with the SNe Ia Pantheon Sample and Baryon Acoustic Oscillations: a feasibility study for GRB-cosmology in 2030

Galaxies, 2022, **10**, 1-41.

IF = 0.34

26. Damek Ewa, Matsui Muneya

Tails of bivariate stochastic recurrence equation with triangular matrices

Stoch. Process. Their Appl., 2022, **150**, 147-191.

IF = 1.43

27. Danielski Daniel Wojciech

Right-angled Coxeter groups with Menger curve boundary

Bulletin of the London Mathematical Society, 2022, **54**, 977-995.

IF = 1.036

28. Dębicki Krzysztof

Exact asymptotics of Gaussian-driven tandem queues

Queueing Syst., 2022, **100**, 285-287.

IF = 1.402

29. Dębicki Krzysztof, Hashorva Enkelejd, Kriukov Nikolai

Pandemic-type failures in multivariate Brownian risk models

Extremes, 2022, **25**, 1-23.

IF = 1.318

30. Dębicki Krzysztof, Hashorva Enkelejd, Michna Zbigniew

On the continuity of Pickands constants

J. Appl. Probab., 2022, **59**, 187-201.

IF = 1.116

31. Dobrowolski Jan, Kamsma Mark

Kim-independence in positive logic

Model Theory, 2022, **1**, 55-113.

IF = 0

32. Dobrowolski Jan, Kim Byunghan, Ramsey Nicholas

Independence over arbitrary sets in NSOP1 theories

Ann. Pure Appl. Log., 2022, **173**, 1-20.

IF = 0.776

33. Doucha Michał, Gismatullin Jakub

On dual surjunctivity and applications

Group. Geom. Dyn., 2022, **16**, 943-961.

IF = 0.541

34. Duda Karol, Iwanow Aleksander

On decidability of amenability in computable groups

Arch. Math. Log., 2022, **61**, 891-902.

IF = 0.492

35. Duda Karol, Iwanow Aleksander

Computable paradoxical decompositions

Int. J. Algebr. Comput., 2022, **32**, 953-967.

IF = 0.722

- 36. Dyszewski Piotr, Gantert Nina, Johnston Samuel G. G., Prochno Joscha**
Sharp concentration for the largest and smallest fragment in a k -regular self-similar fragmentation
Annals of Probability, 2022, **50**, 1173 -1203.
IF = 2.288
- 37. Dziubański Jacek, Hejna Agnieszka**
Upper and lower bounds for Littlewood-Paley square functions in the Dunkl setting
Studia Math., 2022, **262**, 275-303.
IF = 0.914
- 38. Dziubański Jacek, Hejna Agnieszka**
Singular integrals in the rational Dunkl setting
Rev. Mat. Complut., 2022, **35**, 711-737.
IF = 1.009
- 39. Frommlet Florian, Szulc Piotr, Koenig Franz, Bogdan Małgorzata**
Selecting predictive biomarkers from genomic data
PLoS One, 2022, **17**, 1-21.
IF = 3.752
- 40. Gibson Spencer James, Narendra Aditya, Dainotti Maria Giovanna, Bogdan Małgorzata, Pollo Agnieszka, Poliszczuk Artem, Rinaldi Enrico, Liodakis Ioannis**
Using multivariate imputation by chained equations to predict redshifts of active galactic nuclei
Front. Astron. Space Sci., 2022, **9**, 1-16.
IF = 4.055
- 41. Gogolok Jakub, Kowalski Piotr**
Operators coming from ring schemes
J. Lond. Math. Soc., 2022, **106**, 1725-1758.

IF = 0.88

42. Hebisch Waldemar, Kuhn Gabriella M., Steger Tim

Free group representations : duplicity and oddity on the boundary

Trans. Am. Math. Soc., 2022, **375**, 1825-1860.

IF = 1.351

43. Hrushovski Ehud, Krupiński Krzysztof, Pillay Anand

Amenability, connected components, and definable actions

Sel. Math.-New Ser., 2022, **28**, 1-56.

IF = 1.172

44. Jagiello Adrianna, Lisowski Piotr Kamil, Urban Roman

Type-2 fuzzy sets and Newton's fuzzy potential in an algorithm of classification objects of a conceptual space

J. Log. Lang. Inf., 2022, **31**, 389-408.

IF = 0.617

45. Jiang Wei, Bogdan Małgorzata, Josse Julie, Majewski Szymon, Miasojedow Błażej, Ročková Veronika, Group TraumaBase®

Adaptive Bayesian SLOPE: model selection with incomplete data

J. Comput. Graph. Stat., 2022, **31**, 113-137.

IF = 1.884

46. Jurek Zbigniew

Background driving distribution functions and series representation for log-gamma selfdecomposable random variables

Theory of Probability and Its Applications, 2022, **67**, 105-117.

IF = 0.56

47. Jurek Zbigniew

Urbanik type subclasses of the free-infinitely divisible transforms

Prob. Math. Stat., 2022, **42**, 23–39.

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48. Kania-Strojec Edyta, Preisner Marcin

Riesz transform characterizations for multidimensional Hardy spaces

Journal of Geometric Analysis, 2022, **32**, 1-37.

IF = 1.002

49. Kępczyński Krzysztof

Running supremum of Brownian motion in dimension 2: exact and asymptotic results

Stochastic Models, 2022, **38**, 116-129.

IF = 0.613

50. Krause Ben, Mirek Mariusz, Tao Terence

Pointwise ergodic theorems for non-conventional bilinear polynomial averages

Ann. Math., 2022, **195**, 997-1109.

IF = 4.795

51. Kremer Philipp J., Brzyski Damian, Bogdan Małgorzata, Paterlini Sandra

Sparse index clones via the sorted ℓ_1 -Norm

Quant. Financ., 2022, **22**, 349-366.

IF = 1.986

52. Krupiński Krzysztof, Lee Junguk, Moconja Slavko

Ramsey theory and topological dynamics for first order theories

Trans. Am. Math. Soc., 2022, **375**, 2553-2596.

IF = 1.351

53. Krupiński Krzysztof, Portillo Fernandez Adrian

On stable quotients

Notre Dame J. Form. Log., 2022, **63**, 373-394.

IF = 0.652

54. Krupiński Krzysztof, Rzepecki Tomasz

Generating ideals by additive subgroups of rings

Ann. Pure Appl. Log., 2022, **173**, 1-27.

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55. Krystecki Konrad

Parisian ruin probability for two-dimensional Brownian risk model

Stat. Probab. Lett., 2022, **182**, 1-10.

IF = 0.718

56. Lorek Paweł, Markowski Piotr

Absorption time and absorption probabilities for a family of multidimensional gambler models

ALEA-Latin Am. J. Probab. Math., 2022, **19**, 125-150.

IF = 0.732

57. Magdziarz Marcin, Szczotka Władysław

Lévy walks with rests: Long-time analysis

Physical Review. E, 2022, **105**, 1-8.

IF = 2.707

58. Meir Nadav

Infinite lexicographic products

Ann. Pure Appl. Log., 2022, **173**, 1-23.

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59. Mirek Mariusz, Szarek Tomasz Zachary, Wright James

Oscillation inequalities in ergodic theory and analysis: one-parameter and multi-parameter perspectives

Revista Matemática Iberoamericana, 2022, **38**, 2249-2284.

IF = 1.457

60. Młotkowski Wojciech

Quadratic embedding constants of path graphs

Linear Alg. Appl., 2022, **644**, 95-107.

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61. Moconja Slavko, Tanović Predrag

Does weak quasi-o-minimality behave better than weak o-minimality?

Arch. Math. Log., 2022, **61**, 81-103.

IF = 0.492

62. Munro Zachary, Osajda Damian, Przytycki Piotr

2-dimensional Coxeter groups are biautomatic

Proc. R. Soc. Edinb. Sect. A-Math., 2022, **152**, 382-401.

IF = 1.327

63. Narendra Aditya, Gibson Spencer James, Dainotti Maria Giovanna, Bogdan Małgorzata, Pollo Agnieszka, Liodakis Ioannis, Poliszczuk Artem, Rinaldi Enrico

Predicting the redshift of gamma-ray loud AGNs using Supervised Machine LearningII

Astrophys. J., 2022, **259**, 1-16.

IF = 5.521

64. Norin Sergey, Osajda Damian, Przytycki Piotr

Torsion groups do not act on 2-dimensional CAT(0) complexes

Duke Mathematical Journal, 2022, **171**, 1379 -1415.

IF = 2.377

65. Osajda Damian, Przytycki Piotr, Schwer Petra

Nonpositively curved complexes

Oberwolfach Reports, 2022, **18**, 383-417.

IF = 0

66. Oussi Lahcen

(p,q)-analogues of the generalized Touchard polynomials and Stirling numbers

Indag. Math., 2022, **33**, 664-681.

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67. Paluszyński Maciej, Zienkiewicz Jacek

Dimension independent atomic decomposition for dyadic martingale H^1

J. Fourier Anal. Appl., 2022, **28**, 1-18.

IF = 1.273

68. Penney Richard C, Urban Roman

Poisson measures on semi-direct products of infinite-dimensional Hilbert spaces

Electron. J. Differ. Equ., 2022, **2022**, 1-15.

IF = 1.129

69. Preisner Marcin, Sikora Adam, Yan Lixin

Hardy spaces meet harmonic weights

Trans. Am. Math. Soc., 2022, **375**, 6417-6451.

IF = 1.351

70. Schneider Ulrike, Tardivel Patrick

The geometry of uniqueness, sparsity and clustering in penalized estimation

JMLR, 2022, **23**, 1-36.

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71. Świątkowski Witold, Latała Rafał

Norms of randomized circulant matrices

Electron. J. Probab., 2022, **27**, 1-23.

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72. Świdorski Grzegorz, Trojan Bartosz

About essential spectra of unbounded Jacobi matrices

J. Approx. Theory, 2022, **278**, 1-47.

IF = 0.993

73. Świdorski Grzegorz, Van Assche Walter

Christoffel functions for multiple orthogonal polynomials

J. Approx. Theory, 2022, **283**, 1-22.

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74. Tardivel Patrick, Bogdan Małgorzata

On the sign recovery by least absolute shrinkage and selection operator, thresholded least absolute shrinkage and selection operator, and thresholded basis pursuit denoising

Scandinavian Journal of Statistics, 2022, **49**, 1636-1668.

IF = 1.04

75. Urban Roman

A note on Lévy subordinators in cones of fuzzy sets in Banach spaces

Mathematica Slovaca, 2022, **72**, 787-796.

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76. Urban Roman

On a diffusion on finite adeles and the Feynman-Kac integral

J. Math. Phys., 2022, **63**, 1-18.

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77. Valiunas Motiejus

Isomorphism classification of Leary-Minasyan groups

Journal of Group Theory, 2022, **25**, 265-291.

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