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Title word cross-reference

A [Yak24]. *d* [SS20]. *f* [LCY⁺22]. *F^α* [HB20]. *G* [PY22]. *k* [PS21a]. *m* [MQY22]. *Z^d* [Rya24]. *Z₊* [Lyu24]. *M|G|1* [Afa21]. *q* [LG20]. *r* [GCV20]. *ρ* [LYJ⁺22]. *U* [Gir21].

-Correlograms [GCV20]. -Dependent [MQY22]. -Expectation [PY22]. -Functional [LG20]. -Guaranteed [SS20]. -Mixing [LYJ⁺22]. -Moment [LCY⁺22]. -Permutations [Yak24]. -Schemes [HB20]. -Statistics [Gir21]. -th [PS21a].

120th [Shi23].

2021 [Yar22b]. 2022 [Yar22c, Yar23]. 2023 [SYK24].

4th [SP20].

75th [Edi21a]. 7th [SP23a, SP23b].

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90th [CBTV23, Edi21b, Kha23].

A. [BIL⁺24, Edi21b, Edi21a]. **Absolute** [KOO24]. **Abstracts** [SP20, SP23a, SP23b, SPYV24]. **Academy** [Shi24]. **Accompanying** [PS22]. **Accuracy** [Len23, Roo22]. **Added** [CD20]. **Afanasyeva** [Edi23]. **Algorithmic** [SSV24]. **Allocation** [MQY22, Rok21]. **Alternative** [GZ22, Nag21a]. **Analogue** [Pla22]. **Analogues** [KNS23]. **Andrei** [Shi23]. **Application** [LCY⁺22, LWW21]. **Applications**

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- Quadrant** [Gra20]. **Quadratic** [Pal20, Pal22, Pal23b]. **Quantile** [MS21, SZ21]. **Quantiles** [AH20]. **Quantum** [Hol23]. **Quenched** [LH23]. **Queue** [Afa21, Len23]. **Queueing** [Afa22, Afa23].
- R** [Ali20]. **Random** [Afa20, Afa24, Ale22, Ale23, APY22, Bal22, Bog22, BP24, DS22, ISF21, ISF23, Iva23, Jan21, Jur22, KS23, KF21, KNS23, Kov21, LCY⁺22, Leb22,

LT23, LYJ⁺22, LH23, Lyu24, NP21, OW23, PW22, Piu23, PR23, Roz20, Roz22, Rya24, Shk24, Sle21, SY24, SDDT22, SZ21, TJIN22, VD20, VD21, XLCW23, Yak24, Zad21]. **Randomized** [AHØP22]. **Randomly** [LCY⁺22]. **Rapidly** [Roz22]. **Rate** [BSZ23, BMP20, Bor23, Roz23, Sle21]. **Rates** [BS23, ZSG21]. **Ratio** [GKKT22, KOO24]. **Record** [HB20, PS21a]. **Records** [Leb22]. **Recurrence** [Shk24]. **Recursive** [TJIN22]. **Reflecting** [ISF22]. **Regeneration** [MGD22]. **Regression** [BN22, BN24]. **Regularity** [BP20]. **Regulator** [Pal23b, Pal23a]. **Related** [LG20, Mos24]. **Relations** [PS21a]. **Relationship** [Smi23]. **Relative** [Pin23]. **Relevant** [Bul23]. **Remark** [ISF24, Zor20]. **Remarks** [DN21]. **Renewal** [Bak21, BMP20, Bor21a, Bor21b, AB23]. **Repelling** [SX21]. **Representations** [Jur22]. **Reproducibility** [MS21]. **Resource** [Rok21]. **Respect** [Zai24]. **Reward** [AB23]. **Risky** [SV20]. **Role** [Bru22]. **Ross** [dRdC20]. **Rotar** [IPF21]. **Rowwise** [XLCW23]. **Ruin** [Gra20, SV20]. **Russia** [SYK24, Yar22b, Yar22c, Yar23]. **Russian** [Shi22b, Shi24]. **Sagdy** [Edi20c]. **Sakhanenko** [For22]. **Sample** [FF20, Sav24, Yas22]. **Samples** [Iva23]. **Saving** [LN24]. **Scheme** [EMP21, MQY22]. **Schemes** [HB20]. **Schrödinger** [PT21]. **Sciences** [Shi24]. **Scientific** [SYK24, Yar22b, Yar22c]. **Scores** [Leb22]. **SDEs** [BT22]. **Second** [BT22, KOO24, GZ22]. **Second-Order** [KOO24]. **Selection** [Bul23, Bul24b]. **Self** [Jur22]. **Self-Decomposable** [Jur22]. **Semigroup** [AD22]. **Semimartingale** [SV20]. **Seminar** [SYK24, Yar22b, Yar22c, Yar23]. **Seminars** [Zhi23]. **Senatov** [Shi21, SK22]. **Sequence** [BP24, MQY22, Shk24]. **Sequential** [DNRJ23]. **Sergey** [CBTV23]. **Series** [Jur22, LMW23, Mos24, Nag21b, ORÜV22, PY22]. **Set** [AH20]. **Set-Valued** [AH20]. **Sets** [Kab21, LL23]. **Setting** [CKT20]. **Settings** [GKKT22]. **Shape** [KK23, Kre20]. **Sharp** [dRdC20]. **Shiryaev** [KK23]. **Sided** [SS20, Sav24]. **Simplified** [MS21]. **Single** [VD21]. **Singular** [AHØP22]. **Sirazhdinov** [Edi20c]. **Size** [Iva23, Khv23, PR23, VD23a, VD23b]. **Slowly** [KL21]. **Small** [Bor21a, LH23]. **Smaller** [Iva23]. **Smoluchowski** [KST22]. **Smooth** [Pit24, SZ21]. **Smoothed** [BM20]. **Smoothing** [ABMP21]. **Sock** [KM22]. **Sojourn** [APY22]. **Solution** [Kau22, PT21, Zad21]. **Solutions** [Bel21, Ver21]. **Solvability** [Gli21]. **Some** [SZ21]. **Sorting** [KM22]. **Space** [VL23]. **Spaces** [DG20, SDDT22]. **Spearman** [Pin23]. **Special** [LT23]. **Spectra** [TX24]. **Spectral** [Yas22]. **Spheres** [LMW23]. **Spiral** [Fuk23]. **Spitzer** [Nag21b]. **Spring** [SYK24, Yar22c]. **Square** [Bol20, Bol24, Sav21]. **Stability** [Ale22, Ale23, Bul24b]. **Stable** [Ale22, Ale23]. **Stage** [Sav21, VD20]. **State** [LWW21, SYK24, Yar22b, Yar22c, Yar23]. **Statements** [Smi23]. **Stationary** [BRS23, Kre20]. **Statistic** [WU24]. **Statistical** [LCY⁺22]. **Statistics** [Gir21, GNT20, OW23, Pin23, PS21b, SSV24, Yak24]. **Stochastic** [BP20, EMP21, Gli21, Kha22, LB24, Pal22, Pal23b, Rok21, SP20, SP23a, SP23b, SPYV24, Zhi20, Zhi24b]. **Stopping** [AHØP22, Ark20]. **Strategies** [Kha22, Zhi24b]. **Strong** [Jan21, LMW23]. **Strongly** [SX21]. **Structure** [CD20]. **Student** [KT23]. **Sub** [GCV20, Sko23]. **Sub-Gaussian** [Sko23]. **Sub-Gaussianity** [GCV20]. **Subcritical** [VD20, VD21]. **Sublinear** [XLCW23, ZSG21]. **Submartingale** [Gus21]. **Subordinator** [MS23]. **Successive** [Zai24]. **Sufficient** [SS20, Yas24]. **Sum** [BCE23, KNS23, Kov21],

- Nag21b, Roz22, Sav24, Sle21]. **Summability** [ORÜV22]. **Summands** [BU22]. **Sums** [GH21, LCY⁺22, Roz20, Zai24]. **Supercritical** [Afa24, Leb22, PR23]. **Superhedging** [Smi23]. **Supporting** [Zhi20]. **Surveys** [CPRS20]. **Survival** [VD21]. **Switch** [Mos21]. **Switching** [DV24]. **Symmetrized** [Bol24]. **System** [Pal23b, Zad21]. **Systems** [Afa22, Afa23, Bel21, LWW21, Tu21].
- Tail** [FF20, PW22]. **Tailed** [AB23]. **Tails** [KR21, Roz22]. **Talks** [SP20, SP23a, SP23b, SPYV24]. **Tensor** [BSZ23]. **Term** [SYK24, Yar22c, Yar23]. **Terminating** [Bak21]. **Test** [Bol20, Sav21, WU24]. **Testing** [DNRJ23, Sav24]. **Tests** [Bol24, KR21]. **th** [PS21a]. **Their** [Bor24, Bru22, FS22, FS24, LL23, LYJ⁺22, PS21b]. **Theorem** [ABL21, BBC22, Bor23, CKT20, For22, Nag21a, NP21, Shk24, SY24, Yas24, ZL20, BU22, GZ22, IPF21, PS22, Roo22, SK22]. **Theorems** [BM20, BP24, FKL20b, HB20, Sav20, Tim21]. **Theory** [Bul23]. **Threshold** [Ark20, HB20]. **Time** [APY22, CKT20, ISF21, KL21, KK23, Lee21, LWW21, LH23, Mos21, Pal20, Pal22, Pal23b, PY22]. **Time-Varying** [Pal20]. **Time-Weighting** [Pal22]. **Times** [Afa20, Afa21, AB23, Ark20]. **Trading** [Smi23]. **Trajectorial** [KST22]. **Trajectory** [LH23, Mos21]. **Transaction** [MPP23, NP20]. **Transform** [BMP20]. **Transition** [BRS23]. **Trees** [Khv23, TJIN22]. **Tribonacci** [KOO24]. **Tributes** [Shi22a]. **Turnpikes** [Piu23]. **Tutubalin** [MSY24]. **Two** [CKT20, DS22, Gra20, Har22, Iva23, SS20, Sav21, Sav24, VD23a]. **Two-Dimensional** [Gra20, Har22, Sav21]. **Two-Sided** [SS20, Sav24]. **Two-Stage** [Sav21]. **Two-Type** [VD23a]. **Type** [BLM22, KGM24, Li21, LB24, NP21, VD23a]. **Uhlenbeck** [KN22, Pal20]. **Uncertainty** [PY22]. **Uncorrelated** [Jan21]. **Unfavorable** [VD23b]. **Uniform** [FKL20a, GZ22, ORÜV22]. **Unilateral** [LN24]. **Uniquely** [YSK20]. **Uniqueness** [KK23, Ver21]. **Unit** [SX21]. **Universal** [LB24]. **University** [SYK24, Yar22b, Yar22c, Yar23]. **Upper** [Pal20, Pin22]. **Usage** [DNRJ23]. **Users** [Rok21]. **Using** [Lyu24]. **Utility** [DV24].
- V** [PS22, Shi21]. **V.** [Ali20, Edi20b, ILM⁺23, MSY24, Shi21]. **Vacation** [Afa21]. **Vacations** [Afa22, Afa23]. **Valued** [AH20, BU22]. **Values** [DS22, PS21a, Zor20]. **Variable** [DG20]. **Variables** [Ale22, Ale23, Bog22, BP24, Jan21, Jur22, KS23, KNS23, Kov21, LCY⁺22, LYJ⁺22, NP21, Roz22, SZ21, XLCW23, Zor20]. **Variance** [Rya24]. **Varying** [FKL20b, Pal20]. **Vector** [Len23]. **Vectors** [Roz20, SDDT22]. **Vega** [KT23]. **Velocities** [Gli21]. **Vershik** [BIL⁺24]. **Version** [GZ22, ORÜV22]. **Vertices** [PC21, PR23]. **via** [CPRS20, ORÜV22]. **Viktorovich** [CBTV23]. **Vlasov** [BT22, Ver21]. **Volatility** [Fuk23].
- Walk** [Afa20, APY22, Bal22, Bul20, LH23, PW22, Piu23, PR23, Rya24]. **Walks** [ISF21, Lyu24, SY24]. **Watanabe** [Li21]. **Watson** [Bru22, Khv23, Lin23]. **Weak** [KS23]. **Weakly** [Afa24, FKL20a, VD20]. **Weighted** [EN20, LCY⁺22, SDDT22]. **Weighting** [Pal22]. **Wiener** [Fuk23, ISF21, LN24]. **without** [CY22, Smi23]. **Work** [Bin22]. **Workshops** [KT23].
- Years** [Shi24].
- Zipf** [LL23]. **Zolotarev** [Edi20b]. **Zones** [Bor21a].

References

- Aliyev:2023:AEM**
- [AB23] R. Aliyev and V. Bayramov. On asymptotic expansion for mathematical expectation of a Renewal–Reward process with dependent components and heavy-tailed interarrival times. *Theory of Probability and its Applications*, 67(4):645–651, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Aurzada:2021:BCI**
- [ABL21] F. Aurzada, V. Betz, and M. Lifshits. Breaking a chain of interacting Brownian particles: a Gumbel limit theorem. *Theory of Probability and its Applications*, 66(2):184–208, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Anderson:2021:BNS**
- [ABMP21] B. D. O. Anderson, A. N. Bishop, P. Del Moral, and C. Palmier. Backward nonlinear smoothing diffusions. *Theory of Probability and its Applications*, 66(2):245–262, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Arista:2022:EEH**
- [AD22] J. Arista and N. Demni. Explicit expressions of the Hua–Pickrell semigroup. *Theory of Probability and its Applications*, 67(2):208–228, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://>
- epubs.siam.org/doi/10.1137/S0040585X97T990885.
- Afanasyev:2020:TAH**
- [Afa20] V. I. Afanasyev. On the times of attaining high levels by a random walk in a random environment. *Theory of Probability and its Applications*, 65(3):359–374, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Afanasyev:2021:VQC**
- [Afa21] G. A. Afanasyev. A vacation queue $M|G|1$ with close-down times. *Theory of Probability and its Applications*, 66(1):1–14, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Afanasyev:2022:QSV**
- [Afa22] G. A. Afanasyev. Queueing systems with vacations, interruptions, and delays in device operation. *Theory of Probability and its Applications*, 67(3):465–472, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Afanasyev:2023:COQ**
- [Afa23] G. A. Afanasyev. Cost optimization of queueing systems with vacations. *Theory of Probability and its Applications*, 68(2):308–315, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).

- Afanasyev:2024:WSB**
- [Afa24] V. I. Afanasyev. Weakly supercritical branching process in a random environment dying at a distant moment. *Theory of Probability and its Applications*, 68(4):537–558, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T9901611>.
- Ararat:2020:LCD**
- [AH20] Ç. Ararat and A. H. Hamel. Lower cone distribution functions and set-valued quantiles form Galois connections. *Theory of Probability and its Applications*, 65(2):179–190, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Agram:2022:OSR**
- [AHØP22] N. Agram, S. Haadem, B. Øksendal, and F. Proske. Optimal stopping, randomized stopping, and singular control with general information flow. *Theory of Probability and its Applications*, 66(4):601–612, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T990642>.
- Aurzada:2022:APE**
- [AK22] F. Aurzada and M. Kilian. Asymptotics of the persistence exponent of integrated fractional Brownian motion and fractionally integrated Brownian motion. *Theory of Probability and its Applications*, 66(4):522–536, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T990642>.
- Alexeev:2022:SRV**
- [Ale22] I. A. Alexeev. Stable random variables with complex stability index, I. *Theory of Probability and its Applications*, 67(3):335–351, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Alexeev:2023:SRV**
- [Ale23] I. A. Alexeev. Stable random variables with complex stability index, II. *Theory of Probability and its Applications*, 67(4):499–515, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Alimov:2020:MVR**
- [Ali20] A. R. Alimov. In memory of V. R. Fatalov. *Theory of Probability and its Applications*, 64(4):656, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Aparin:2022:STD**
- [APY22] A. A. Aparin, G. A. Popov, and E. B. Yarovaya. On the sojourn time distribution of a random walk at a multidimensional lattice point. *Theory of Probability and its Applications*, 66(4):522–536, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T990642>.

- /pubs.siam.org/doi/10.1137/S0040585X97T990599.
- Arkin:2020:OTS**
- [Ark20] V. I. Arkin. Optimality of threshold stopping times for diffusion processes. *Theory of Probability and its Applications*, 65(3):341–358, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Bakay:2021:LDT**
- [Bak21] G. A. Bakay. Large deviations for a terminating compound renewal process. *Theory of Probability and its Applications*, 66(2):209–227, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Balashova:2022:CEM**
- [Bal22] D. M. Balashova. Clustering effect for multitype branching random walk. *Theory of Probability and its Applications*, 67(3):352–362, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Biret:2022:GCT**
- [BBC22] M. Biret, M. Broniatowski, and Z. Cao. A Gibbs conditional theorem under extreme deviation. *Theory of Probability and its Applications*, 67(3):389–414, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Belfadli:2023:SGM**
- [BCE23] R. Belfadli, M. Chadad, and M. Erraoui. On the sum of Gaussian martingale and an independent fractional Brownian motion. *Theory of Probability and its Applications*, 68(2):316–323, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Buckdahn:2022:MDH**
- [BDS22] R. Buckdahn, P. Di Tella, and W. Schmidt Shiryaev. In memoriam: Doctor Hans-Jürgen Engelbert. *Theory of Probability and its Applications*, 67(1):161–162, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T990848>.
- Belopolskaya:2021:SNB**
- [Bel21] Ya. I. Belopol'skaya. Systems of nonlinear backward and forward Kolmogorov equations: Generalized solutions. *Theory of Probability and its Applications*, 66(1):15–43, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Bufetov:2024:MMV**
- [BIL⁺24] A. I. Bufetov, I. A. Ibragimov, M. A. Lifshits, A. V. Malyutin, F. V. Petrov, N. V. Smorodina, A. N. Shiryaev, and Yu. V. Yakubovich. In memory of A. M. Vershik (12.28.1933–02.14.2024). *Theory of Probability and its Applications*, 69(2):331–335, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T991957>.

- Bingham:2022:LWL**
- [Bin22] N. H. Bingham. The life, work, and legacy of P. L. Chebyshev. *Theory of Probability and its Applications*, 66(4):506–521, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T990587>.
- Borovkov:2022:CTI**
- [BLM22] A. A. Borovkov, A. V. Logachov, and A. A. Mogulskii. Chebyshev-type inequalities and large deviation principles. *Theory of Probability and its Applications*, 66(4):570–581, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T990629>.
- Bobkov:2020:LLT**
- [BM20] S. G. Bobkov and A. Marsiglietti. Local limit theorems for smoothed Bernoulli and other convolutions. *Theory of Probability and its Applications*, 65(1):62–81, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Borovkov:2020:PDR**
- [BMP20] A. A. Borovkov, A. A. Mogulskii, and E. I. Prokopenko. Properties of the deviation rate function and the asymptotics for the Laplace transform of the distribution of a compound renewal process. *Theory of Probability and its Applications*, 64(4):499–512, ???? 2020.
- Babilua:2022:NEM**
- [BN22] P. Babilua and E. A. Nadaraya. On a new estimation method of the Bernoulli regression function. *Theory of Probability and its Applications*, 67(2):163–174, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T99085X>.
- Babilua:2024:ONE**
- [BN24] P. K. Babilua and E. A. Nadaraya. On one nonparametric estimation of the Poisson regression function. *Theory of Probability and its Applications*, 69(2):173–185, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T991842>.
- Bogachev:2022:CHP**
- [Bog22] V. I. Bogachev. Chebyshev–Hermite polynomials and distributions of polynomials in Gaussian random variables. *Theory of Probability and its Applications*, 66(4):550–569, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T990617>.
- Boldin:2020:PCS**
- [Bol20] M. V. Boldin. On the Pearson’s chi-square test for normality of au-

- toregression with outliers. *Theory of Probability and its Applications*, 65(1):102–110, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Boldin:2024:SCS**
- [Bol24] M. V. Boldin. On symmetrized chi-square tests in autoregression with outliers in data. *Theory of Probability and its Applications*, 68(4):559–569, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T991623>.
- Borovkov:2021:EIP**
- [Bor21a] A. A. Borovkov. Extension of the invariance principle for compound renewal processes to the zones of moderately large and small deviations. *Theory of Probability and its Applications*, 65 (4):511–526, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Borovkov:2021:ELD**
- [Bor21b] A. A. Borovkov. On exact large deviation principles for compound renewal processes. *Theory of Probability and its Applications*, 66(2):170–183, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Borovkov:2023:AAC**
- [Bor23] A. A. Borovkov. On the asymptotic approach to the change-point problem and exponential convergence rate in the ergodic theo-
- rem for Markov chains. *Theory of Probability and its Applications*, 68(3):370–391, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T991519>.
- Borzykh:2024:JDG**
- D. A. Borzykh. Joint distributions of generalized integrable increasing processes and their generalized compensators. *Theory of Probability and its Applications*, 69(1):1–24, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T991714>.
- Breton:2020:IRF**
- J.-Ch. Breton and N. Privault. Integrability and regularity of the flow of stochastic differential equations with jumps. *Theory of Probability and its Applications*, 65 (1):82–101, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Borovkov:2024:LTD**
- A. A. Borovkov and E. I. Prokopenko. On limit theorems for the distribution of the maximal element in a sequence of random variables. *Theory of Probability and its Applications*, 69(2):186–204, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://>

- [\(2\):175–197, ???? 2023. CODEN TPRBAU. ISSN 0040-585X \(print\), 1095-7219 \(electronic\).](https://pubs.siam.org/doi/10.1137/S0040585X97T991854)
- Bogachev:2023:KPE**
- [BRS23] V. I. Bogachev, M. Röckner, and S. V. Shaposhnikov. Kolmogorov problems on equations for stationary and transition probabilities of diffusion processes. *Theory of Probability and its Applications*, 68(3):342–369, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T991854>.
- Bruss:2022:GWP**
- [Bru22] F. Thomas Bruss. Galton–Watson processes and their role as building blocks for branching processes. *Theory of Probability and its Applications*, 67(1):141–153, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T990812>.
- Balint:2020:LFM**
- [BS20] D. Á. Bálint and M. Schweizer. Large financial markets, discounting, and no asymptotic arbitrage. *Theory of Probability and its Applications*, 65(2):191–223, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Borisov:2023:CRA**
- [BS23] I. S. Borisov and E. I. Shefer. Convergence rates to the arcsine law. *Theory of Probability and its Applications*, 68
- [BSZ23] C. Banerjee, L. A. Sakhanenko, and D. C. Zhu. Global rate optimality of integral curve estimators in high order tensor models. *Theory of Probability and its Applications*, 68(2):250–266, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Banerjee:2023:GRO**
- [BT22] A. Barraso and N. Touzi. Controlled diffusion mean field games with common noise and McKean–Vlasov second order backward SDEs. *Theory of Probability and its Applications*, 66(4):613–639, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T990654>.
- Barraso:2022:CDM**
- [BU22] S. G. Bobkov and V. V. Ulyanov. The Chebyshev–Edgeworth correction in the Central Limit Theorem for integer-valued independent summands. *Theory of Probability and its Applications*, 66(4):537–549, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T990605>.
- Bobkov:2022:CEC**

- | | |
|---|--|
| <div style="text-align: center; border: 1px solid black; padding: 5px;">Bulinskaya:2020:FPF</div> <p>[Bul20] E. Vl. Bulinskaya. Fluctuations of the propagation front of a catalytic branching walk. <i>Theory of Probability and its Applications</i>, 64(4):513–534, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).</p> <div style="text-align: center; border: 1px solid black; padding: 5px;">Bulinski:2023:RFS</div> <p>[Bul23] A. V. Bulinski. On relevant features selection based on information theory. <i>Theory of Probability and its Applications</i>, 68(3):392–410, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL https://epubs.siam.org/doi/10.1137/S0040585X97T991520.</p> <div style="text-align: center; border: 1px solid black; padding: 5px;">Bulinski:2024:EEE</div> <p>[Bul24a] A. V. Bulinski. On an example of expectation evaluation. <i>Theory of Probability and its Applications</i>, 69(2):313–321, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL https://epubs.siam.org/doi/10.1137/S0040585X97T991933.</p> <div style="text-align: center; border: 1px solid black; padding: 5px;">Bulinski:2024:SPF</div> <p>[Bul24b] A. V. Bulinski. Stability properties of feature selection measures. <i>Theory of Probability and its Applications</i>, 69(1):25–34, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL https://epubs.siam.org/doi/10.1137/S0040585X97T991726.</p> | <div style="text-align: center; border: 1px solid black; padding: 5px;">Chebotarev:2023:SVN</div> <p>[CBTV23] V. I. Chebotarev, I. S. Borisov, V. A. Topchii, and V. A. Vatutin. Sergey Viktorovich Nagaev (on his 90th birthday). <i>Theory of Probability and its Applications</i>, 68(2):305–307, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).</p> <div style="text-align: center; border: 1px solid black; padding: 5px;">Choulli:2020:SCU</div> <p>[CD20] T. Choulli and J. Deng. Structure conditions under progressively added information. <i>Theory of Probability and its Applications</i>, 65(3):418–453, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).</p> <div style="text-align: center; border: 1px solid black; padding: 5px;">Chistyakov:2022:AFC</div> <p>G. P. Chistyakov and F. Götze. Approximation of free convolutions by free infinitely divisible laws. <i>Theory of Probability and its Applications</i>, 66(4):640–667, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL https://epubs.siam.org/doi/10.1137/S0040585X97T990666.</p> <div style="text-align: center; border: 1px solid black; padding: 5px;">Cuchiero:2020:FTA</div> <p>[CKT20] C. Cuchiero, I. Klein, and J. Teichmann. A fundamental theorem of asset pricing for continuous time large financial markets in a two filtration setting. <i>Theory of Probability and its Applications</i>, 65(3):388–404, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).</p> |
|---|--|

- | | |
|--|--|
| <div style="border: 1px solid black; padding: 5px; text-align: center;">Cvitanic:2020:ICS</div> <p>[CPRS20] J. Cvitanić, D. Prelec, S. Radas, and H. Sikić. Incentive-compatible surveys via posterior probabilities. <i>Theory of Probability and its Applications</i>, 65(2):292–321, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Chau:2020:BIC</div> <p>[CR20] H. N. Chau and M. Rásonyi. Behavioral investors in conic market models. <i>Theory of Probability and its Applications</i>, 65(2):330–337, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Choulli:2022:LOP</div> <p>[CY22] T. Choulli and S. Yansori. Log-optimal portfolio without NFLVR: Existence, complete characterization, and duality. <i>Theory of Probability and its Applications</i>, 67(2):229–245, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL https://pubs.siam.org/doi/10.1137/S0040585X97T990897.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Darkhovsky:2020:CDC</div> <p>[Dar20] B. S. Darkhovsky. On the complexity and dimension of continuous finite-dimensional maps. <i>Theory of Probability and its Applications</i>, 65(3):375–387, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).</p> | <div style="border: 1px solid black; padding: 5px; text-align: center;">DG20]</div> <p>[DG20] D. Dzindzalieta and F. Götze. Half-spaces with influential variable. <i>Theory of Probability and its Applications</i>, 65(1):114–120, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Davydov:2021:RAI</div> <p>[DN21] Y. A. Davydov and S. M. Novikov. Remarks on asymptotic independence. <i>Theory of Probability and its Applications</i>, 66(1):44–57, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Dorpinghaus:2023:OIU</div> <p>[DNRJ23] M. Dörpinghaus, I. Neri, É. Roldán, and F. Jülicher. Optimal information usage in binary sequential hypothesis testing. <i>Theory of Probability and its Applications</i>, 68(1):77–87, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">deChaumaray:2020:SLD</div> <p>[dRdC20] M. du Roy de Chaumaray. Sharp large deviations for the drift parameter of the explosive Cox-Ingersoll–Ross process. <i>Theory of Probability and its Applications</i>, 65(3):454–469, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Demidovich:2022:TLV</div> <p>[DS22] Yu. A. Demidovich and D. A. Shabanov. On two limit values of the chromatic number of</p> |
|--|--|

- a random hypergraph. *Theory of Probability and its Applications*, 67(2):175–193, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T990861>. Dong:2024:UME
- [DV24] Y. Dong and L. Vostrikova. Utility maximization of the exponential Lévy switching models. *Theory of Probability and its Applications*, 69(1):127–149, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T991799>. EBTPA:2020:MDM
- [Edi20a] Editorial Board of TPA. In memory of D. M. Chibisov (12.25.1936–11.20.2019). *Theory of Probability and its Applications*, 65(1):173–174, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). EBTPA:2020:MVM
- [Edi20b] Editorial Board of TPA. In memory of V. M. Zolotarev (02.27.1931–11.07.2019). *Theory of Probability and its Applications*, 65(1):175–178, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). EBTPA:2020:CSK
- [Edi20c] Editorial Board of TPA. On the centenary of Sagdy Khasanovich Sirazhdinov. *Theory of Probability and its Applications*, 65(2):338–339, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). EBTPA:2021:BN
- [Edi21a] Editorial Board of TPA. On the 75th birthday of A. A. Novikov. *Theory of Probability and its Applications*, 65(4):639, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). EBTPA:2021:BB
- [Edi21b] Editorial Board of TPA. On the 90th birthday of A. A. Borovkov. *Theory of Probability and its Applications*, 66(2):169, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). EBTPA:2023:MGA
- [Edi23] Editorial Board of TPA. In memory of L. G. Afanasyeva (14.09.1937–26.08.2022). *Theory of Probability and its Applications*, 67(4):668–670, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). EsquIvel:2021:SMC
- [EMP21] M. L. EsquÍvel, P. P. Mota, and J. P. Pina. On a stochastic model for a cooperative banking scheme for microcredit. *Theory of Probability and its Applications*, 66(2):326–335, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).

- | | |
|---|--|
| <div style="border: 1px solid black; padding: 5px; text-align: center;">Edelsbrunner:2020:WPD</div> <p>[EN20] H. Edelsbrunner and A. Nikitenko. Weighted Poisson–Delaunay mosaics. <i>Theory of Probability and its Applications</i>, 64(4):595–614, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Ferreira:2020:TDU</div> <p>[FF20] M. Ferreira and H. Ferreira. Tail dependence under sample failures. <i>Theory of Probability and its Applications</i>, 64(4):636–645, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Feinberg:2020:FLW</div> <p>[FKL20a] E. A. Feinberg, P. O. Kasyanov, and Y. Liang. Fatou’s lemma for weakly converging measures under the uniform integrability condition. <i>Theory of Probability and its Applications</i>, 64(4):615–630, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Feinberg:2020:FLC</div> <p>[FKL20b] E. A. Feinberg, P. O. Kasyanov, and Y. Liang. Fatou’s lemma in its classical form and Lebesgue’s convergence theorems for varying measures with applications to Markov decision processes. <i>Theory of Probability and its Applications</i>, 65(2):270–291, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).</p> | <div style="border: 1px solid black; padding: 5px; text-align: center;">Formanov:2022:APS</div> <p>[For22] Sh. K. Formanov. Another proof of a Sakhnenko theorem. <i>Theory of Probability and its Applications</i>, 67(3):473–477, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Feinberg:2022:KEJ</div> <p>[FS22] E. A. Feinberg and A. N. Shiryaev. Kolmogorov’s equations for jump Markov processes and their applications to control problems. <i>Theory of Probability and its Applications</i>, 66(4):582–600, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL https://pubs.siam.org/doi/10.1137/S0040585X97T990630.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Feinberg:2024:FBK</div> <p>[FS24] E. A. Feinberg and A. N. Shiryaev. On forward and backward Kolmogorov equations for pure jump Markov processes and their generalizations. <i>Theory of Probability and its Applications</i>, 68(4):643–656, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL https://pubs.siam.org/doi/10.1137/S0040585X97T991684.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Fukasawa:2023:WSV</div> <p>[Fuk23] M. Fukasawa. Wiener spiral for volatility modeling. <i>Theory of Probability and its Applications</i>, 68(3):481–500, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219</p> |
|---|--|

- (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T991581>. [Gli21] **Giglikh:2021:SSD**
- [GCV20] R. Giuliano, M. Ordóñez Cabrera, and A. Volodin. On the sub-Gaussianity of the r -correlograms. *Theory of Probability and its Applications*, 65(3):470–481, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). [Giuliano:2020:SGC]
- [GH21] R. Griffiths and K. Hamza. Matching the distributions of the marginals and the sums for the Meixner class. *Theory of Probability and its Applications*, 66 (3):430–444, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). [Griffiths:2021:MDM]
- [Gir21] D. Giraudo. An exponential inequality for U -statistics of I.I.D. data. *Theory of Probability and its Applications*, 66(3):408–429, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). [Giraudo:2021:EIS]
- [GKKT22] Y. Goto, T. Kaneko, S. Kojima, and M. Taniguchi. Likelihood ratio processes under nonstandard settings. *Theory of Probability and its Applications*, 67(2):246–260, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T990903>. [Goto:2022:LRP]
- [Gli21] Yu. E. Gliklikh. On solvability of stochastic differential equations with osmotic velocities. *Theory of Probability and its Applications*, 65(4):640–647, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). [Gliklikh:2021:SSD]
- [GNT20] F. Götze, A. A. Naumov, and A. N. Tikhomirov. Moment inequalities for linear and nonlinear statistics. *Theory of Probability and its Applications*, 65(1):1–16, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). [Gotze:2020:MIL]
- [Gra20] P. Grandits. A ruin problem for a two-dimensional Brownian motion with controllable drift in the positive quadrant. *Theory of Probability and its Applications*, 64 (4):646–655, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). [Grandits:2020:RPT]
- [Gus21] A. A. Gushchin. The joint law of a max-continuous local submartingale and its maximum. *Theory of Probability and its Applications*, 65(4):545–557, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). [Gushchin:2021:JLM]
- [GZ22] F. Götze and A. Yu. Zaitsev. On alternative approximating distributions in the multivariate version of Kolmogorov’s Gotze:2022:AAD

- Second Uniform Limit Theorem. *Theory of Probability and its Applications*, 67(1):1–16, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://epubs.siam.org/doi/10.1137/S0040585X97T99071X>.
- Harlamov:2022:DDF**
- [Har22] B. P. Harlamov. Distribution density of the first exit point of a two-dimensional diffusion process from a circle neighborhood of its initial point: The inhomogeneous case. *Theory of Probability and its Applications*, 67(2):194–207, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://epubs.siam.org/doi/10.1137/S0040585X97T990873>.
- He:2020:LTR**
- [HB20] P. He and K. A. Borovkov. Limit theorems for record indicators in threshold F^α -schemes. *Theory of Probability and its Applications*, 65(3):405–417, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Holevo:2023:CQG**
- [Hol23] A. S. Holevo. On characterization of quantum Gaussian measurement channels. *Theory of Probability and its Applications*, 68(3):473–480, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://epubs.siam.org/doi/10.1137/S0040585X97T99157X>.
- [ILM⁺23] R. M. Iasnogorodski, A. A. Lykov, M. V. Melikian, S. A. Pirogov, T. S. Turova-Shmeling, and A. A. Zamyatin. In memory of V. A. Malyshev (04.13.1938–09.30.2022). *Theory of Probability and its Applications*, 68(1):170–173, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Iasnogorodski:2023:MVM**
- [IPF21] I. A. Ibragimov, E. L. Presman, and Sh. K. Formanov. On modifications of the Lindeberg and Rotar' conditions in the Central Limit Theorem. *Theory of Probability and its Applications*, 65(4):648–651, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Ibragimov:2021:MLR**
- [ISF21] I. A. Ibragimov, N. V. Smorodina, and M. M. Faddeev. Approximation of a Wiener process local time by functionals of random walks. *Theory of Probability and its Applications*, 66(1):58–74, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Ibragimov:2021:AWP**
- [ISF22] I. A. Ibragimov, N. V. Smorodina, and M. M. Faddeev. Reflecting Lévy processes and associated families of linear operators. II. *Theory of Probability and its Applications*, 67(1):17–27, ???? 2022. CODEN TPRBAU.
- Ibragimov:2022:RLP**

- ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T990721>.
- Ibragimov:2023:OFR**
- [ISF23] I. A. Ibragimov, N. V. Smorodina, and M. M. Faddeev. On one family of random operators. *Theory of Probability and its Applications*, 68(3):440–456, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T991556>.
- Ibragimov:2024:RIF**
- [ISF24] I. A. Ibragimov, N. V. Smorodina, and M. M. Faddeev. A remark on the Itô formula. *Theory of Probability and its Applications*, 69(2):227–242, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T99188X>.
- Ivanov:2023:BEM**
- [Iva23] D. V. Ivanov. On the bounds for the expected maxima of random samples with known expected maxima of two samples of smaller size. *Theory of Probability and its Applications*, 68(1):2–15, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Janisch:2021:KSL**
- [Jan21] M. Janisch. Kolmogorov’s Strong Law of Large Numbers holds for pairwise uncorrelated random variables. *Theory of Probability and its Applications*, 66(2):263–275, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Jurek:2022:BDD**
- [Jur22] Z. J. Jurek. Background driving distribution functions and series representations for log-gamma self-decomposable random variables. *Theory of Probability and its Applications*, 67(1):105–117, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T990782>.
- Kabanov:2021:SLC**
- [Kab21] Yu. M. Kabanov. On sets of laws of continuous martingales. *Theory of Probability and its Applications*, 65(4):652–655, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Kaushik:2022:NSB**
- [Kau22] P. Kaushik. A new solution of Bertrand’s Paradox. *Theory of Probability and its Applications*, 67(1):158–160, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T990836>.
- Konakov:2021:CCC**
- [KF21] V. D. Konakov and A. R. Falaleev. Convergence of certain classes of random flights in the Kantorovich metric. *Theory of Probability and*

- its Applications*, 65(4):656–664, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Kudryavtsev:2024:MCM**
- [KGM24] O. E. Kudryavtsev, A. S. Grechko, and I. E. Mamedov. Monte Carlo method for pricing look-back type options in Lévy models. *Theory of Probability and its Applications*, 69(2):243–264, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T991891>.
- Kharlamov:2022:ASS**
- [Kha22] V. V. Kharlamov. On asymptotic strategies in the stochastic Colonel Blotto game. *Theory of Probability and its Applications*, 67(2):318–326, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T990952>.
- Khatuntseva:2023:BI**
- [Kha23] M. V. Khatuntseva. On the 90th birthday of I. A. Ibragimov. *Theory of Probability and its Applications*, 68(1):1, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Khvorostyanskaya:2023:NTG**
- [Khv23] E. V. Khvorostyanskaya. On the number of trees of a given size in a Galton–Watson forest in the critical case. *Theory of Probability and its Applications*, 68(1):62–76, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Klump:2023: UIF**
- [KK23] A. Klump and M. Kolb. Uniqueness of the inverse first-passage time problem and the shape of the Shiryaev boundary. *Theory of Probability and its Applications*, 67(4):570–592, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T991155>.
- Karagodin:2021:DLE**
- [KL21] N. A. Karagodin and M. A. Lifshits. On the distribution of the last exit time over a slowly growing linear boundary for a Gaussian process. *Theory of Probability and its Applications*, 66(3):337–347, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Korbel:2022:PFS**
- [KM22] S. Korbel and P. Mörters. A path formula for the sock sorting problem. *Theory of Probability and its Applications*, 66(4):708–712, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T99068X>.
- Kordzakhia:2022:MIO**
- [KN22] N. E. Kordzakhia and A. A. Novikov. On maximal inequalities for Ornstein–Uhlenbeck

- processes with jumps. *Theory of Probability and its Applications*, 66(4):713–728, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T990691>.
- Kordzakhia:2023:KIM**
- [KNS23] N. E. Kordzakhia, A. A. Novikov, and A. N. Shiryaev. The Kolmogorov inequality for the maximum of the sum of random variables and its martingale analogues. *Theory of Probability and its Applications*, 68(3):457–472, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T991568>.
- Kulikov:2024:ACE**
- [KOO24] V. L. Kulikov, E. F. Olekhova, and V. I. Oseledets. On absolute continuity of the Erdős measure for the Golden Ratio, Tribonacci numbers, and second-order Markov chains. *Theory of Probability and its Applications*, 69(2):265–280, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T991908>.
- Kovacevic:2021:MES**
- [Kov21] M. Kovacević. On the maximum entropy of a sum of independent discrete random variables. *Theory of Probability and its Applications*, 66(3):482–487, ???? 2021. CO- DEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T991593>.
- [KR21] [Kre20]
- [Kry23]
- [KS23]
- DEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Kogut:2021:TDD**
- N. S. Kogut and I. V. Rodionov. On tests for distinguishing distribution tails. *Theory of Probability and its Applications*, 66(3):348–363, ???? 2021. CO- DEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Kremena:2020:SHE**
- E. V. Kremena. On the shape of high excursions of Gaussian stationary processes. *Theory of Probability and its Applications*, 65(1):111–113, ???? 2020. CO- DEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Krylov:2023:NIP**
- N. V. Krylov. On nondegenerate Itô processes with moderated drift. *Theory of Probability and its Applications*, 68(3):510–536, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T99160X>.
- Karatzas:2023:WLL**
- I. Karatzas and W. Schachermayer. A weak law of large numbers for dependent random variables. *Theory of Probability and its Applications*, 68(3):501–509, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T991593>.

- Karatzas:2022:TAG**
- [KST22] I. Karatzas, W. Schachermayer, and B. Tschiderer. A trajectory approach to the gradient flow properties of Langevin–Smoluchowski diffusions. *Theory of Probability and its Applications*, 66(4):668–707, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T990678>.
- Klimov:2023:SWO**
- [KT23] K. Yu. Klimov and M. N. Tsareva. On student workshops organized by the Vega Institute. *Theory of Probability and its Applications*, 68(2):337–338, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Linke:2024:UNK**
- [LB24] Yu. Yu. Linke and I. S. Borisov. Universal nonparametric kernel-type estimators for the mean and covariance functions of a stochastic process. *Theory of Probability and its Applications*, 69(1):35–58, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T991738>.
- Lang:2022:CMC**
- [LCY⁺22] J. Lang, L. Cheng, Z. Yu, Y. Wu, and X. Wang. Complete f -moment convergence for randomly weighted sums of extended negatively dependent random variables and its statistical applica-
- Lebedev:2022:RIM**
- [Leb22] A. V. Lebedev. Records and increases of multivariate extremes of random particle scores in supercritical branching processes with max-linear heredity. *Theory of Probability and its Applications*, 67(2):310–317, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T990940>.
- Lee:2021:FPT**
- [Lee21] J. M. Lee. The first passage time density of Brownian motion and the heat equation with Dirichlet boundary condition in time dependent domains. *Theory of Probability and its Applications*, 66(1):142–159, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Lenena:2023:AEV**
- [Len23] E. O. Lenena. Accuracy of estimation of the vector of queue lengths for open Jackson networks. *Theory of Probability and its Applications*, 67(4):633–639, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T991180>.

- Lopez-Garcia:2020:IMP**
- [LG20] M. López-García. Indetermined moment problems related to q -functional equations. *Theory of Probability and its Applications*, 65(3):482–496, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Lv:2023:QSD**
- [LH23] Y. Lv and W. Hong. Quenched small deviation for the trajectory of a random walk with random environment in time. *Theory of Probability and its Applications*, 68(2):267–284, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Li:2021:EEE**
- [Li21] Z. Li. Ergodicities and exponential ergodicities of Dawson–Watanabe type processes. *Theory of Probability and its Applications*, 66(2):276–298, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Linke:2023:TIN**
- [Lin23] Yu. Yu. Linke. Towards insensitivity of Nadaraya–Watson estimators to design correlation. *Theory of Probability and its Applications*, 68(2):198–210, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Lifshits:2023:PPZ**
- [LL23] M. A. Lifshits and I. M. Lialinov. Probabilistic properties of Zipf sets and their maximal intersections. *Theory of Probability and its Applications*, 68(3):482–496, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- and its Applications**, 68(1):16–30, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Lu:2023:SEF**
- [LMW23] T. Lu, C. Ma, and F. Wang. Series expansions of fractional Brownian motions and strong local nondeterminism of bifractional Brownian motions on balls and spheres. *Theory of Probability and its Applications*, 68(1):88–110, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Lifshits:2024:ESA**
- [LN24] M. A. Lifshits and S. E. Nikitin. Energy saving approximation of Wiener process under unilateral constraints. *Theory of Probability and its Applications*, 69(1):59–70, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T99174X>.
- Lifshits:2023:MSR**
- [LT23] M. A. Lifshits and A. A. Tadevosian. On the maximum of a special random assignment process. *Theory of Probability and its Applications*, 67(4):640–644, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T991192>.
- Lu:2021:CMC**
- [LWW21] C. Lu, X. J. Wang, and Y. Wu. Complete moment convergence for

- the dependent linear processes with application to the state observers of linear-time-invariant systems. *Theory of Probability and its Applications*, 65(4):570–587, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Lu:2022:NBE**
- [LYJ⁺22] C. Lu, W. Yu, R. L. Ji, H. L. Zhou, and X. J. Wang. A note on the Berry–Esseen bounds for ρ -mixing random variables and their applications. *Theory of Probability and its Applications*, 67 (3):415–433, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Lyulintsev:2024:MBR**
- [Lyu24] A. V. Lyulintsev. Markov branching random walks on \mathbf{Z}_+ : an approach using orthogonal polynomials. I. *Theory of Probability and its Applications*, 69(1):71–87, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T99191X>.
- Mousavinasr:2022:MDC**
- [MGD22] S. Mousavinasr, C. R. Gonçalves, and C. C. Y. Dorea. Mallows distance convergence for extremes: Regeneration approach. *Theory of Probability and its Applications*, 67(3):478–484, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- [Mos21] V. E. Mosyagin. Asymptotics for the distribution of the time of attaining the maximum for a trajectory of a Poisson process with linear drift and intensity switch. *Theory of Probability and its Applications*, 66(1):75–88, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Mosyagin:2021:ADT**
- [Mos24] V. E. Mosyagin. Poisson process with linear drift and related function series. *Theory of Probability and its Applications*, 69(2):281–293, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T99191X>.
- Mosyagin:2024:PPL**
- [MPP23] A. A. Murzintseva, S. M. Pergamenchtchikov, and E. A. Pchelintsev. Hedging problem for Asian call options with transaction costs. *Theory of Probability and its Applications*, 68 (2):211–230, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Murzintseva:2023:HPA**
- [MQY22] Y. Miao, X. M. Qu, and G. Y. Yang. Extrema of the generalized allocation scheme based on an m -dependent sequence. *Theory of Probability and its Applications*, 67(2):282–293, ???? 2022. CODEN TPRBAU. ISSN
- Miao:2022:EGA**

- 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T990927>. [Nag21a]
- Melkumova:2021:CQR**
- [MS21] L. E. Melkumova and S. Ya. Shatskikh. Conditional quantile reproducibility of multivariate distributions and simplified pair copula construction. *Theory of Probability and its Applications*, 66(1):160–168, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Maller:2023:GPD**
- [MS23] R. Maller and S. Shemehsavar. Generalized Poisson–Dirichlet distributions based on the Dickman subordinator. *Theory of Probability and its Applications*, 67(4):593–612, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T991167>.
- Molchanov:2024:MVT**
- [MSY24] S. A. Molchanov, D. D. Sokolov, and E. B. Yarovaya. In memory of V. N. Tutubalin (10.15.1936–6.18.2023). *Theory of Probability and its Applications*, 69(1):166–167, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T991829>. [NP20]
- Nagaev:2021:AMP**
- S. V. Nagaev. An alternative method of the proof of the ergodic theorem for general Markov chains. *Theory of Probability and its Applications*, 66(3):364–375, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Nagaev:2021:ESS**
- [Nag21b] S. V. Nagaev. An estimate for the sum of the Spitzer series and its generalization. *Theory of Probability and its Applications*, 66(1):89–104, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Nguyen:2020:AHC**
- [NP20] T. Nguyen and S. Pergamenchtchikov. Approximate hedging with constant proportional transaction costs in financial markets with jumps. *Theory of Probability and its Applications*, 65(2):224–248, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Nguyen:2021:MTH**
- T. Nguyen and H. Pham. A maximal theorem of Hardy–Littlewood type for pairwise I.I.D. random variables and the Law of Large Numbers. *Theory of Probability and its Applications*, 66(3):445–454, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).

- OrdonezCabrera:2022:NVU**
- [ORÜV22] M. Ordóñez Cabrera, A. Rosalsky, M. Ünver, and A. Volodin. A new version of uniform integrability via power series summability methods. *Theory of Probability and its Applications*, 67(1):89–104, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://epubs.siam.org/doi/10.1137/S0040585X97T990770>.
- O'Rourke:2023:PLE**
- [OW23] S. O'Rourke and N. Williams. Partial linear eigenvalue statistics for non-Hermitian random matrices. *Theory of Probability and its Applications*, 67(4):613–632, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://epubs.siam.org/doi/10.1137/S0040585X97T991179>.
- Palamarchuk:2020:UFI**
- [Pal20] E. S. Palamarchuk. On upper functions for integral quadratic functionals based on time-varying Ornstein–Uhlenbeck process. *Theory of Probability and its Applications*, 65(1):17–31, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Palamarchuk:2022:OSL**
- [Pal22] E. S. Palamarchuk. On optimal stochastic linear quadratic control with inversely proportional time-weighting in the cost. *Theory of Probability and its Applications*, 67(1):28–43, ????
- Pal23a**
2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://epubs.siam.org/doi/10.1137/S0040585X97T990733>.
- Palamarchuk:2023:OLR**
- E. S. Palamarchuk. On optimal linear regulator with polynomial process of external excitations. *Theory of Probability and its Applications*, 67(4):535–547, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://epubs.siam.org/doi/10.1137/S0040585X97T991131>.
- Palamarchuk:2023:OLQ**
- E. S. Palamarchuk. Optimal linear-quadratic regulator for a stochastic system under mutually inverse time preferences in the cost. *Theory of Probability and its Applications*, 68(1):31–45, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Pavlov:2021:LDN**
- Yu. L. Pavlov and I. A. Cheplyukova. Limit distributions of the number of vertices of a given degree in a configuration graph with bounded number of edges. *Theory of Probability and its Applications*, 66(3):376–390, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Pinelis:2022:ELU**
- I. Pinelis. Exact lower and upper bounds for Gaussian measures. *Theory of Probability and*
- PC21**
- [Pin22]

- its Applications*, 67(3):485–493, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Pinelis:2023:ARE**
- [Pin23] I. Pinelis. Asymptotic relative efficiency of the Kendall and Spearman correlation statistics. *Theory of Probability and its Applications*, 68(1):111–122, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Piterbarg:2024:HEP**
- [Pit24] V. I. Piterbarg. High excursion probabilities for Gaussian fields on smooth manifolds. *Theory of Probability and its Applications*, 69(2):294–312, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T991921>.
- Piunovskiy:2023:TFM**
- [Piu23] A. B. Piunovskiy. Turnpikes in finite Markov decision processes and random walk. *Theory of Probability and its Applications*, 68(1):123–149, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Platonova:2022:AFK**
- [Pla22] M. V. Platonova. An analogue of the Feynman–Kac formula for a high-order operator. *Theory of Probability and its Applications*, 67(1):62–76, ???? 2022. CODEN TPRBAU.
- Platonova:2023:MAP**
- [PR23] M. V. Platonova and K. S. Ryadovkin. Moment asymptotics of population size of particles at vertices for a supercritical branching random walk on a periodic graph. *Theory of Probability and its Applications*, 68(2):231–249, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Pawlas:2021:RMN**
- [PS21a] P. Pawlas and D. Szynal. On relations for moments of the normal k -th record values and a characterization. *Theory of Probability and its Applications*, 66(3):488–494, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Prokhorov:2021:CST**
- [PS21b] A. V. Prokhorov and A. V. Savitskii. Characterizing statistics and their applications. *Theory of Probability and its Applications*, 66(3):391–407, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Piterbarg:2022:AMA**
- [PS22] V. I. Piterbarg and Yu. A. Scherbakova. On accompanying measures and asymptotic expansions in the B. V. Gnedenko Limit Theorem. *Theory of Probability and its Applications*, 67(1):44–61,

- ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://epubs.siam.org/doi/10.1137/S0040585X97T990745>.
- Platonova:2021:PAS**
- [PT21] M. V. Platonova and S. V. Tsykin. Probabilistic approximation of the solution of the Cauchy problem for the higher-order Schrödinger equation. *Theory of Probability and its Applications*, 65(4):558–569, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Perfilev:2022:LTA**
- [PW22] E. Perfilev and V. Wachtel. Local tail asymptotics for the joint distribution of the length and of the maximum of a random walk excursion. *Theory of Probability and its Applications*, 67(2):294–309, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://epubs.siam.org/doi/10.1137/S0040585X97T990939>.
- Peng:2022:DUF**
- [PY22] S. Peng and S. Yang. Distributional uncertainty of the financial time series measured by G -expectation. *Theory of Probability and its Applications*, 66(4):729–741, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://epubs.siam.org/doi/10.1137/S0040585X97T990708>.
- [Rok21] D. B. Rokhlin. Resource allocation in communication networks with large number of users: The dual stochastic gradient method. *Theory of Probability and its Applications*, 66(1):105–120, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Rokhlin:2021:RAC**
- [Roo22] B. Roos. On the accuracy in a combinatorial Central Limit Theorem: The characteristic function method. *Theory of Probability and its Applications*, 67(1):118–139, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://epubs.siam.org/doi/10.1137/S0040585X97T990794>.
- Roos:2022:ACC**
- [Roz20] L. V. Rozovsky. On integro-local CLT for sums of independent random vectors. *Theory of Probability and its Applications*, 64(4):564–578, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Rozovsky:2020:ILC**
- [Roz22] L. V. Rozovsky. Large deviations of a sum of independent random variables with distributions with rapidly decreasing tails. *Theory of Probability and its Applications*, 67(3):363–374, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Rozovsky:2022:LDS**

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|---|---|
| <div style="text-align: center; border: 1px solid black; padding: 2px;">Rozovsky:2023:CRP</div> <p>[Roz23] L. V. Rozovsky. On the convergence rate in precise asymptotics. <i>Theory of Probability and its Applications</i>, 68(1):46–61, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).</p> <div style="text-align: center; border: 1px solid black; padding: 2px;">Rozovsky:2024:CCM</div> <p>[Roz24] L. V. Rozovsky. On complete convergence of moments in exact asymptotics under normal approximation. <i>Theory of Probability and its Applications</i>, 68(4):622–629, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL https://pubs.siam.org/doi/10.1137/S0040585X97T991660.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;">Rubinshtein:2021:PBM</div> <p>[RS21] A. I. Rubinshtein and V. B. Sherstyukov. On a probabilistic Bernstein model. <i>Theory of Probability and its Applications</i>, 66(2):318–325, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).</p> <div style="text-align: center; border: 1px solid black; padding: 2px;">Ryadovkin:2024:PBR</div> <p>[Rya24] K. S. Ryadovkin. On a periodic branching random walk on \mathbb{Z}^d with an infinite variance of jumps. <i>Theory of Probability and its Applications</i>, 69(1):88–98, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL https://pubs.siam.org/doi/10.1137/S0040585X97T991763.</p> | <div style="text-align: center; border: 1px solid black; padding: 2px;">Savitskii:2020:LTF</div> <p>[Sav20] A. V. Savitskii. Limit theorems for functions of a fractional Brownian motion. <i>Theory of Probability and its Applications</i>, 65(1):32–48, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).</p> <div style="text-align: center; border: 1px solid black; padding: 2px;">Savelov:2021:TSC</div> <p>[Sav21] M. P. Savelov. Two-stage chi-square test and two-dimensional distributions of a Bessel process. <i>Theory of Probability and its Applications</i>, 65(4):665–672, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).</p> <div style="text-align: center; border: 1px solid black; padding: 2px;">Savelov:2024:TSE</div> <p>[Sav24] M. P. Savelov. Two-sided estimates for the sum of probabilities of errors in the multiple hypothesis testing problem with finite number of hypotheses on a nonhomogeneous sample. <i>Theory of Probability and its Applications</i>, 69(2):322–330, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL https://pubs.siam.org/doi/10.1137/S0040585X97T991945.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;">Son:2022:GML</div> <p>[SDDT22] T. C. Son, L. V. Dung, D. T. Dat, and T. T. Trang. Generalized Marcinkiewicz laws for weighted dependent random vectors in Hilbert spaces. <i>Theory of Probability and its Applications</i>, 67(3):434–451, ???? 2022. CO-</p> |
|---|---|

- DEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Shiryaev:2021:MVV**
- [Shi21] A. N. Shiryaev. In memory of V. V. Senatov (03.10.1951–06.22.2021). *Theory of Probability and its Applications*, 66(3):495–496, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Shiryaev:2022:BT**
- [Shi22a] A. N. Shiryaev. Birthday tributes. *Theory of Probability and its Applications*, 67(1):140, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://epubs.siam.org/doi/10.1137/S0040585X97T990800>.
- Shiryaev:2022:BBP**
- [Shi22b] A. N. Shiryaev. On the bicentenary of the birth of P. L. Chebyshev, a great Russian mathematician. *Theory of Probability and its Applications*, 66(4):497–505, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://epubs.siam.org/doi/10.1137/S0040585X97T990575>.
- Shiryaev:2023:BAN**
- [Shi23] A. N. Shiryaev. On the 120th birthday of Andrei Nikolaevich Kolmogorov. *Theory of Probability and its Applications*, 68(3):339–341, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://epubs.siam.org/doi/10.1137/S0040585X97T990824>.
- [Sko23] M. Skorski. On sub-Gaussian concentration of missing mass. *Theory of Probability and its Applications*, 69(2):169–172, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://epubs.siam.org/doi/10.1137/S0040585X97T991490>.
- Shiryaev:2024:YRA**
- [Shi24] A. N. Shiryaev. 300 years of the Russian Academy of Sciences. *Theory of Probability and its Applications*, 69(2):169–172, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://epubs.siam.org/doi/10.1137/S0040585X97T991830>.
- Shklyaev:2024:CFL**
- [Shk24] A. V. Shklyaev. Conditional functional limit theorem for a random recurrence sequence conditioned on a large deviation event. *Theory of Probability and its Applications*, 69(1):99–116, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://epubs.siam.org/doi/10.1137/S0040585X97T991775>.
- Sobolev:2022:SMA**
- [SK22] V. N. Sobolev and A. E. Kondratenko. On Senatov moments in asymptotic expansions in the Central Limit Theorem. *Theory of Probability and its Applications*, 67(1):154–157, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://epubs.siam.org/doi/10.1137/S0040585X97T990824>.
- Skorski:2023:SGC**

- tions*, 68(2):324–329, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Slepov:2021:CRR**
- [Sle21] N. A. Slepov. Convergence rate of random geometric sum distributions to the Laplace law. *Theory of Probability and its Applications*, 66(1):121–141, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Stoyanov:2020:NCC**
- [SLK20] J. M. Stoyanov, G. D. Lin, and P. Kopanov. New checkable conditions for moment determinacy of probability distributions. *Theory of Probability and its Applications*, 65(3):497–509, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Smirnov:2023:GDA**
- [Smi23] S. N. Smirnov. A guaranteed deterministic approach to superhedging: The relationship between the deterministic and probabilistic problem statements without trading constraints. *Theory of Probability and its Applications*, 67(4):548–569, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T991143>.
- Shiryaev:2020:ATG**
- [SP20] A. N. Shiryaev and I. V. Pavlov. Abstracts of talks given at the 4th International Conference on Stochastic Methods. *Theory of Probability and its Applications*, 65(1):121–172, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Shiryaev:2023:ATGa**
- [SP23a] A. N. Shiryaev and I. V. Pavlov. Abstracts of talks given at the 7th International Conference on Stochastic Methods, I. *Theory of Probability and its Applications*, 67(4):652–667, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T991210>.
- Shiryaev:2023:ATGb**
- [SP23b] A. N. Shiryaev and I. V. Pavlov. Abstracts of talks given at the 7th International Conference on Stochastic Methods, II. *Theory of Probability and its Applications*, 68(1):150–169, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Shiryaev:2024:ATG**
- [SPYV24] A. N. Shiryaev, I. V. Pavlov, P. A. Yaskov, and T. A. Volosatova. Abstracts of talks given at the 8th International Conference on Stochastic Methods. *Theory of Probability and its Applications*, 68(4):674–711, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T991702>.

- Salimov:2020:AMS**
- [SS20] R. F. Salimov and S. V. Simushkin. Asymptotics of the minimum sufficient number of observations for d -guaranteed discrimination of two-sided hypotheses. *Theory of Probability and its Applications*, 65(1):49–61, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Semenov:2024:KLD**
- [SSV24] A. L. Semenov, A. Kh. Shen, and N. K. Vereshchagin. Kolmogorov's last discovery? (Kolmogorov and algorithmic statistics). *Theory of Probability and its Applications*, 68(4):582–606, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T991647>.
- Spielmann:2020:RPI**
- [SV20] J. Spielmann and L. Vostrikova. On the ruin problem with investment when the risky asset is a semimartingale. *Theory of Probability and its Applications*, 65(2):249–269, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Soshnikov:2021:GAD**
- [SX21] A. Soshnikov and Y. Xu. Gaussian approximation of the distribution of strongly repelling particles on the unit circle. *Theory of Probability and its Applications*, 65(4):588–615, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Smorodina:2024:OLT**
- [SY24] N. V. Smorodina and E. B. Yarovaya. One limit theorem for branching random walks. *Theory of Probability and its Applications*, 68(4):630–642, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T991672>.
- Shiryayev:2024:NSL**
- [SYK24] A. N. Shiryaev, E. B. Yarkovaya, and V. A. Kutsenko. News of scientific life — information on the General Seminar of the Department of Probability, Faculty of Mathematics and Mechanics, Lomonosov Moscow State University, Moscow, Russia, Spring Term 2023. *Theory of Probability and its Applications*, 69(1):161–165, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T991817>.
- Sun:2021:SAP**
- [SZ21] S. Sun and W. Zhu. Some asymptotic properties between smooth empirical and quantile processes for dependent random variables. *Theory of Probability and its Applications*, 66(3):455–468, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).

- Timashev:2021:LLT**
- [Tim21] A. N. Timashev. Local limit theorems for compound discrete distributions. *Theory of Probability and its Applications*, 66(3):474–481, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Toofanpour:2022:NLL**
- [TJIN22] J. Toofanpour, M. Javanian, and R. Imany-Nabiyyi. Normal limit law for protected node profile of random recursive trees. *Theory of Probability and its Applications*, 67(3):452–464, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Tu:2021:AOF**
- [Tu21] E. Tu. Association and other forms of positive dependence for Feller evolution systems. *Theory of Probability and its Applications*, 66(2):299–317, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Taniguchi:2024:HDE**
- [TX24] M. Taniguchi and Y. Xue. Hellinger distance estimation for nonregular spectra. *Theory of Probability and its Applications*, 69(1):150–160, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T991805>.
- Vatutin:2020:IES**
- [VD20] V. A. Vatutin and E. E. Dyakonova. The initial evolu-
- VD21]**
- Vatutin:2021:SBP**
- V. A. Vatutin and E. E. Dyakonova. Subcritical branching processes in random environment with immigration: Survival of a single family. *Theory of Probability and its Applications*, 65(4):527–544, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Vatutin:2023:APS**
- V. A. Vatutin and E. E. D'yakonova. Atypical population size in a two-type decomposable branching process. *Theory of Probability and its Applications*, 67(4):516–534, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T99112X>.
- Vatutin:2023:PSC**
- V. A. Vatutin and E. E. Dyakonova. Population size of a critical branching process evolving in an unfavorable environment. *Theory of Probability and its Applications*, 68(3):411–430, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T991532>.

- Veretennikov:2021:PUS**
- [Ver21] A. Yu. Veretennikov. On pathwise uniqueness of solutions for multidimensional McKean–Vlasov equation. *Theory of Probability and its Applications*, 66(3):469–473, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Vershik:2023:MEB**
- [VL23] A. M. Vershik and M. A. Lifshits. On mm-entropy of a Banach space with Gaussian measure. *Theory of Probability and its Applications*, 68(3):431–439, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T991544>.
- Wakaki:2024:LEB**
- [WU24] H. Wakaki and V. V. Ulyanov. Laplace expansion for Bartlett–Nanda–Pillai test statistic and its error bound. *Theory of Probability and its Applications*, 68(4):570–581, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T991635>.
- Xi:2023:CCI**
- [XLCW23] M. M. Xi, X. Q. Li, L. Chen, and X. J. Wang. Complete and complete integral convergence for arrays of rowwise extended negatively dependent random variables under sublinear expectations. *Theory of Probability and its Applications*, 68(2):285–304, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Yakymiv:2024:LBO**
- [Yak24] A. L. Yakymiv. Limit behavior of order statistics on cycle lengths of random A -permutations. *Theory of Probability and its Applications*, 69(1):117–126, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T991787>.
- Yarovaya:2022:LE**
- [Yar22a] E. B. Yarovaya. Letter to the Editors. *Theory of Probability and its Applications*, 67(3):498, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Yarovaya:2022:NSLa**
- [Yar22b] E. B. Yarovaya. News of scientific life — information on the General Seminar of the Department of Probability, Faculty of Mathematics and Mechanics, Lomonosov Moscow State University, Moscow, Russia, 2021. *Theory of Probability and its Applications*, 67(2):327–334, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://pubs.siam.org/doi/10.1137/S0040585X97T990964>.
- Yarovaya:2022:NSLb**
- [Yar22c] E. B. Yarovaya. News of scientific life — information on

- the General Seminar of the Department of Probability, Faculty of Mechanics and Mathematics, Lomonosov Moscow State University, Moscow, Russia, Spring Term 2022. *Theory of Probability and its Applications*, 67(3):494–497, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Yarovaya:2023:IGS**
- [Yar23] E. B. Yarovaya. Information on the General Seminar of the Department of Probability, Faculty of Mechanics and Mathematics, Lomonosov Moscow State University, Moscow, Russia, Fall Term 2022. *Theory of Probability and its Applications*, 68(2):330–333, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Yaskov:2022:LSD**
- [Yas22] P. A. Yaskov. Limiting spectral distribution for large sample covariance matrices with graph-dependent elements. *Theory of Probability and its Applications*, 67(3):375–388, ???? 2022. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Yaskov:2024:SCM**
- [Yas24] P. A. Yaskov. On sufficient conditions in the Marchenko–Pastur theorem. *Theory of Probability and its Applications*, 68(4):657–673, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://epubs.siam.org/doi/10.1137/S0040585X97T991878>.
- [YSK20] [Zad21]
- E. B. Yarovaya, J. M. Stoyanov, and K. K. Kostyashin. On conditions for a probability distribution to be uniquely determined by its moments. *Theory of Probability and its Applications*, 64(4):579–594, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Zadorozhniy:2021:ESL**
- V. G. Zadorozhniy. The expectation of a solution of a linear system of differential equations with random coefficients. *Theory of Probability and its Applications*, 66(2):228–244, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Zaitsev:2024:PDS**
- A. Yu. Zaitsev. On proximity of distributions of successive sums with respect to the Prokhorov distance. *Theory of Probability and its Applications*, 69(2):217–226, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://epubs.siam.org/doi/10.1137/S0040585X97T991878>.
- Zhitlukhin:2020:SPS**
- M. V. Zhitlukhin. Supporting prices in a stochastic von Neumann–Gale model of a financial market. *Theory of Probability and its Applications*, 64(4):553–563, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://epubs.siam.org/doi/10.1137/S0040585X97T991696>.
- Yarovaya:2020:CPD**

- DEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Zhitlukhin:2023:SCB**
- [Zhi23] M. V. Zhitlukhin. Seminars, conferences, books. *Theory of Probability and its Applications*, 68(2):334–336, ???? 2023. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Zhitlukhin:2024:DAP**
- [Zhi24a] M. V. Zhitlukhin. On a diffusion approximation of a prediction game. *Theory of Probability and its Applications*, 68(4):607–621, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://epubs.siam.org/doi/10.1137/S0040585X97T991659>.
- Zhitlukhin:2024:OGS**
- [Zhi24b] M. V. Zhitlukhin. Optimal growth strategies in a stochastic market model with endogenous prices. *Theory of Probability and its Applications*, 69(2):205–216, ???? 2024. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic). URL <https://epubs.siam.org/doi/10.1137/S0040585X97T991866>.
- Zhao:2020:CGT**
- [ZL20] J. Zhao and E. Lépinette. A complement to the Grigoriev theorem for the Kabanov model. *Theory of Probability and its Applications*, 65(2):322–329, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Zorich:2020:RDV**
- V. A. Zorich. A remark on the distribution of values for functions of a large number of variables. *Theory of Probability and its Applications*, 64(4):631–635, ???? 2020. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).
- Zhou:2021:PDR**
- Q. Zhou, A. I. Sakhanenko, and J. Guo. Prokhorov distance with rates of convergence under sub-linear expectations. *Theory of Probability and its Applications*, 65(4):616–638, ???? 2021. CODEN TPRBAU. ISSN 0040-585X (print), 1095-7219 (electronic).