

Notes for contributors

A submission to Applied Probability is considered as a submission to either *Journal of Applied Probability* (JAP) or *Advances in Applied Probability* (AAP). Longer papers are typically published in AAP, but the assignment of papers between the two journals is made by the Executive Editor on an issue-by-issue basis. Short communications and letters specifically relating to papers appearing in either JAP or AAP are published in JAP.

Papers submitted to the Applied Probability journals are considered on the understanding that they have not been published previously and are not under consideration by another publication. Accepted papers will not be published elsewhere without the written permission of the Trust. Submitted papers should be in English. It is the author's responsibility to ensure an acceptable standard of language, and a paper failing to meet this requirement may go back to the author for rewriting before being sent out for review.

Papers should include: (i) a short abstract of 4–10 lines giving a non-mathematical description of the subject matter and results; (ii) a list of keywords detailing the contents; and (iii) a list of classifications, using the 2020 Subject Classification scheme (mathscinet.ams.org/mathscinet/msc/msc2020). Letters to the Editor need not include these. To assist authors in writing papers in the Applied Probability style, they may use the L^AT_EX class file `aptpub.cls`, available from appliedprobability.org. Use of this class file is not a condition of submission, but will considerably increase the speed at which papers are processed.

Papers should be submitted electronically through ScholarOne at <https://mc.manuscriptcentral.com/apjournals>. All submissions will be acknowledged on receipt.

Copyright

The copyright of all published papers is vested in the Applied Probability Trust. When a paper is accepted for publication, the Trust asks the authors to assign copyright by signing a form in which the terms of copyright are listed. Failure to do this promptly may delay or prevent publication.

Authorisation to photocopy items for internal or personal use, or the internal or personal use of specific clients, is granted by the Applied Probability Trust for libraries and other users registered with the Copyright Clearance Center (CCC) Transactional Reporting Service, provided that the corresponding processing and royalty fees (see <http://www.copyright.com>) are paid directly to CCC, 222 Rosewood Drive, Danvers, MA 01923, USA. 0021–9002/19

PRINTED AND BOUND BY CPI GROUP (UK) LTD, CROYDON, CR0 4YY



Volume 61 Number 3

Original Articles

- 741 XUEKANG ZHANG AND HUIHENG SHU. Trajectory fitting estimation for reflected stochastic linear differential equations of a large signal
- 755 GEORG BRAUN. Boolean percolation on digraphs and random exchange processes
- 767 JIANPING YANG, WEIWEI ZHUANG AND TAIZHONG HU. Aging notions, stochastic orders, and expected utilities
- 781 ARTEM LOGACHOV, YURI SUHOV, NIKITA VVEDENSKAYA AND ANATOLY YAMBARTSEV. A Large-deviation principle for Birth–death processes with a linear rate of downward jumps
- 802 HENRIK BENGTTSSON. Characteristics of the switch process and geometric divisibility
- 810 BERNARD BERCU, MICHEL BONNEFONT AND ADRIEN RICHOU. Sharp large deviations and concentration inequalities for the number of descents in a random permutation
- 834 FÉLIX LOCAS AND JEAN-FRANÇOIS RENAUD. De finetti’s control problem with a concave bound on the control rate
- 851 AYMEN BOUAZIZ. Local convergence of critical Galton–Watson trees
- 858 MARKUS BIBINGER. Inference on the intraday spot volatility from high-frequency order prices with irregular microstructure noise
- 886 NATALIA CARDONA-TOBÓN AND JUAN CARLOS PARDO. Speed of extinction for continuous-state branching processes in a weakly subcritical Lévy environment
- 909 HUI JIANG, QIHAO LIN AND SHAOCHEN WANG. An exponential nonuniform Berry–Esseen bound of the maximum likelihood estimator in a Jacobi process
- 927 AZAM A. IMOMOV AND MISLIDDIN S. MURTAZAEV. On the Kolmogorov constant explicit form in the theory of discrete-time stochastic branching systems
- 942 PANNA TÍMEA FEKETE, ROLAND MOLONTAY, BALÁZS RÁTH AND KITTI VARGA. Color-avoiding percolation and branching processes
- 967 REMCO VAN DER HOFSTAD AND MANISH PANDEY. Connectivity of random graphs after centrality-based vertex removal
- 999 CARLO MARINELLI. On some semi-parametric estimates for European option prices
- 1010 NGUYEN DUC TOAN, NGUYEN THANH DIEU, NGUYEN HUU DU AND LE BA DUNG. Continuous dependence of stationary distributions on parameters for stochastic predator–prey models
- 1029 ANDREI SONTAG, TIM ROGERS AND CHRISTIAN A YATES. Dynamics of information networks
- 1040 ISAAC LOH. Approximation with ergodic processes and testability
- 1060 WENMING HONG AND MINGYANG SUN. Scaling limit of the local time of random walks conditioned to stay positive
- 1075 QUIRIN VOGEL, YASH DESHPANDE, CEDOMIR STEFANOVIĆ AND WOLFGANG KELLERER. Analysis of d -ary tree algorithms with successive interference cancellation

Published by Cambridge University Press
on behalf of Applied Probability Trust
Full text available at [cambridge.org/jpr](https://doi.org/10.1017/jpr.2024.45)
© Applied Probability Trust 2024
ISSN 0021-9002



CAMBRIDGE
UNIVERSITY PRESS