

Subscription rates

Subscription rates for volume **55** (2018) of *Journal of Applied Probability (JAP)* are as follows (post free and online access at <http://cambridge.org/jpr>). For libraries and institutions: US\$381.00, £246.00 (online only); US\$418.00, £270.00 (online & print). For individuals, US\$144.00, £92.00 (online & print). The subscription rates for volume **50** (2018) of *Advances in Applied Probability*, the companion publication, are the same; for individual subscribers that order both journals at the same time, the combined price is discounted by 10%. Please send all subscription renewals and enquiries to: subscriptions_newyork@cambridge.org in the Americas and journals@cambridge.org for the Rest of the World.

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 Editor-in-Chief 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 Accepted papers will not be published elsewhere without the written permission of the Trust.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 2010 Mathematics Subject Classification scheme (<http://www.ams.org/msc/>). 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 <http://www.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 as portable document format (PDF) files, not exceeding 1 Mb, to the email address submissions_japaap@sheffield.ac.uk. 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. 0021–9002/18

PRINTED IN THE UK AT BELL AND BAIN LTD



MIX
Paper from
responsible sources
FSC® C007785

Applied Probability Trust Lecture

667 VÍT PERŽINA AND JAN M. SWART. How much market making does a market need?

Research Papers

- 682 MARINA SANTACROCE, PAOLA SIRI AND BARBARA TRIVELLATO. Exponential models by Orlicz spaces and applications
- 701 D. DOLGOPYAT, P. HEBBAR, L. KORALOV AND M. PERLMAN. Multi-type branching processes with time-dependent branching rates
- 728 JÁNOS FLESC, ARKADI PREDTETCHINSKI AND WILLIAM SUDDERTH. Characterization and simplification of optimal strategies in positive stochastic games
- 742 FRASER DALY AND OLIVER JOHNSON. Relaxation of monotone coupling conditions: Poisson approximation and beyond
- 760 FRANÇOIS BACCELLI AND ELIZA O'REILLY. Reach of repulsion for determinantal point processes in high dimensions
- 789 JESPER MØLLER AND ANDREAS D. CHRISTOFFERSEN. Pair correlation functions and limiting distributions of iterated cluster point processes
- 810 OLEKSII MOSTOVYI. Optimal consumption of multiple goods in incomplete markets
- 823 JEAN JACOD AND MARK PODOLSKIJ. On the minimal number of driving Lévy motions in a multivariate price model
- 834 GHOBAD BARMALZAN, ABEDIN HAIDARI AND NARAYANASWAMY BALAKRISHNAN. Univariate and multivariate stochastic orderings of residual lifetimes of live components in sequential $(n - r + 1)$ -out-of- n systems
- 845 S. ASHRAFI, S. ZAREZADEH AND M. ASADI. Reliability modeling of coherent systems with shared components based on sequential order statistics
- 862 F. ALBERTO GRÜNBAUM AND MANUEL D. DE LA IGLESIA. Stochastic LU factorizations, Darboux transformations and urn models
- 887 SANDRO GALLO AND PABLO M. RODRIGUEZ. Frog models on trees through renewal theory
- 900 A. GARAVAGLIA AND R. VAN DER HOFSTAD. From trees to graphs: collapsing continuous-time branching processes
- 920 D. T. KOOPS, M. SAXENA, O. J. BOXMA AND M. MANDJES. Infinite-server queues with Hawkes input
- 944 I. J. B. F. ADAN, V. G. KULKARNI, N. LEE AND E. LEFEBER. Optimal routing in two-queue polling systems
- 968 ALI DEVIN SEZER. Approximation of excessive backlog probabilities of two tandem queues
- 998 Correction