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 Accepted papers will not be published elsewhere without the written permission of the Trust.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 LATEX 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 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. 0001–8678/19

PRINTED IN GREAT BRITAIN BY BELL & BAIN LTD



Volume 52 Number 1

Original Articles

- 1 TAKASHI OWADA AND ANDREW M. THOMAS. Limit theorems for process-level betti numbers for sparse and critical regimes
- 32 ROLAND DE HAAN, AHMAD AL HANBALI, RICHARD J. BOUCHERIE AND JAN-KEES VAN OMMEREN. Transient analysis for exponential time-limited polling models under the preemptive repeat random policy
- 61 DANIEL LACKER. A non-exponential extension of sanov's theorem via convex duality
- 102 LIRONG CUI, ALAN HAWKES AND HE YI. An elementary derivation of moments of hawkes processes
- 138 VINCENT LEMAIRE, MICHÈLE THIEULLEN AND NICOLAS THOMAS. Thinning and multilevel monte carlo methods for piecewise deterministic (markov) processes with an application to a stochastic morris–lecar model
- 173 JORIS BIERKENS, FRANK VAN DER MEULEN AND MORITZ SCHAUER. Simulation of elliptic and hypo-elliptic conditional diffusions
- 213 THOMAS MIKOSCH AND JORGE YSLAS. Gumbel and fréchet convergence of the maxima of independent random walks
- 237 VYTAUTĖ PILIPAUSKAITĖ, VIKTOR SKORNIAKOV AND DONATAS SURGAILIS. Joint temporal and contemporaneous aggregation of random-coefficient ar(1) processes with infinite variance
- 266 G. BERZUNZA. The existence of a giant cluster for percolation on large crump-mode-jagers trees
- 291 HE YI, NARAYANASWAMY BALAKRISHNAN AND LIRONG CUI. On the multi-state signatures of ordered system lifetimes
- 319 HAKJIN CHUNG, HYUN-SOO AHN AND RHONDA RIGHTER. The potentially negative effects of cooperation in service systems
- 348 NIL KAMAL HAZRA AND NEERAJ MISRA. On relative ageing of coherent systems with dependent identically distributed components

Published by Cambridge University Press Full text available at **cambridge.org/apr** Copyright © **Applied Probability Trust 2020** ISSN 0001–8678

