

AUTHOR INDEX

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- AALTO, S. AND AYESTA, U. On the nonoptimality of the foreground–background discipline for IMRL service times. *JAP* **43** (2006) 523–534
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- ADAN, I. J. B. F. *see* VLASIOU, M.
- ADLER, I., AHN, H.-S., KARP, R. M. AND ROSS, S. M. A probabilistic model for the survivability of cells. *JAP* **42** (2005) 919–931
- AGUECH, R., LASMAR, N. AND MAHMOUD, H. Limit distribution of distances in biased random tries. *JAP* **43** (2006) 377–390
- AHN, H.-S. AND RICHTER, R. Dynamic load balancing with flexible workers. *AAP* **38** (2006) 621–642
- , — Multi-actor Markov decision processes. *JAP* **42** (2005) 15–26
- , DUENYAS, I. AND ZHANG, R. Q. Optimal control of a flexible server. *AAP* **36** (2004) 139–170
- *see* ADLER, I.
- AHN, S. AND RAMASWAMI, V. Efficient algorithms for transient analysis of stochastic fluid flow models. *JAP* **42** (2005) 531–549
- AKAR, N. AND SOHRABY, K. Infinite- and finite-buffer Markov fluid queues: a unified analysis. *JAP* **41** (2004) 557–569
- ALBEVERIO, S. AND KAWASAKI, S. On a localization property of wavelet coefficients for processes with stationary increments, and applications. I. Localization with respect to shift. *AAP* **37** (2005) 938–962
- ALBRECHER, H. AND TEUGELS, J. L. Exponential behavior in the presence of dependence in risk theory. *JAP* **43** (2006) 257–273
- ALDOUS, D. AND POPOVIC, L. A critical branching process model for biodiversity. *AAP* **37** (2005) 1094–1115
- ALFA, A. S. *see* NEUTS, M. F.
- ALLAART, P. Optimal stopping rules for correlated random walks with a discount — Stopping the maximum of a correlated random walk, with cost for observation. *JAP* **41** (2004) 483–496
- AL-SADI, M. H. M. *see* STOYANOV, J.
- ALTMAN, E., AVRACHENKOV, K. E. AND NÚÑEZ-QUEJIA, R. Perturbation analysis for denumerable Markov chains with application to queueing models. *AAP* **36** (2004) 839–853
- ALVAREZ, J. AND HAJEK, B. A queue with semiperiodic traffic. *AAP* **37** (2005) 160–184
- ANGULO, J. M., ANH, V. V., McVINISH, R. AND RUIZ-MEDINA, M. D. Fractional kinetic equations driven by Gaussian or infinitely divisible noise. *AAP* **37** (2005) 366–392
- ANH, V. V. *see* ANGULO, J. M.
- ANKIRCHNER, S. Monotone utility convergence. *JAP* **43** (2006) 622–633
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- ANTUNES, N., FRICKER, C., GUILLEMIN, F. AND ROBERT, P. Perturbation analysis of a variable M/M/1 queue: a probabilistic approach. *AAP* **38** (2006) 263–283
- ARAI, T. Minimal martingale measures for jump diffusion processes. *JAP* **41** (2004) 263–270
- ARAMAN, V. F. AND GLYNN, P. W. Diffusion approximations for the maximum of a perturbed random walk. *AAP* **37** (2005) 663–680
- ARIAS-CASTRO, E., DONOHO, D. L., HUO, X. AND TOVEY, C. A. Connect the dots: how many random points can a regular curve pass through? *AAP (SGSA)* **37** (2005) 571–603
- , —, —, — Correction. *AAP (SGSA)* **38** (2006) 579
- ASADI, M., EBRAHIMI, N., HAMEDANI, G. G. AND SOOFI, E. S. Maximum dynamic entropy models. *JAP* **41** (2004) 379–390
- , —, —, — Minimum dynamic discrimination information models. *JAP* **42** (2005) 643–660
- ASMUSSEN, S. AND KROESE, D. P. Improved algorithms for rare event simulation with heavy tails. *AAP* **38** (2006) 545–558
- ASSAF, D., GOLDSTEIN, L. AND SAMUEL-CAHN, E. Two-choice optimal stopping. *AAP* **36** (2004) 1116–1147
- ASTON, J. A. D. AND MARTIN, D. E. K. Waiting time distributions of competing patterns in higher-order Markovian sequences. *JAP* **42** (2005) 977–988
- ATHREYA, S., ROY, R. AND SARKAR, A. On the coverage of space by random sets. *AAP (SGSA)* **36** (2004) 1–18

- ATIYA, A. F. *see* MAGDON-ISMAIL, M.
- AVI-ITZHAK, B. AND LEVY, H. On measuring fairness in queues *AAP* **36** (2004) 919–936
- , GOLANY, B. AND ROTHBLUM, U. G. Strategic equilibrium versus global optimum for a pair of competing servers *JAP* **43** (2006) 1165–1172
- AVRACHENKOV, K. E. *see* ALTMAN, E.
- AYESTA, U. *see* AALTO, S.
- AYHAN, H., PALMOWSKI, Z. AND SCHLEGEL, S. Cyclic queueing networks with subexponential service times *JAP* **41** (2004) 791–801
- *see* ZIYA, S.
- AZAIS, J.-M., LEÓN, J. R. AND ORTEGA, J. Geometrical characteristics of Gaussian sea waves *JAP* **42** (2005) 407–425
- B**
- BACCELLI, F., FOSS, S. AND LELARGE, M. Tails in generalized Jackson networks with subexponential service-time distributions *JAP* **42** (2005) 513–530
- BAEK, J. S. *see* LIM, K. E.
- BAI, Z. D., LEE, S. AND PENROSE, M. D. Rooted edges of a minimal directed spanning tree on random points *AAP (SGSA)* **38** (2006) 1–30
- BALAKRISHNAN, N., PAKES, A. G. AND STEPANOV, A. On the number and sum of near-record observations *AAP* **37** (2005) 765–780
- BALISTER, P., BOLLOBÁS, B., SARKAR, A. AND WALTERS, M. Connectivity of random k -nearest-neighbour graphs *AAP (SGSA)* **37** (2005) 1–24
- BALL, F. AND BRITTON, T. An epidemic model with exposure-dependent severities — AND MILNE, R. K. Simple derivations of properties of counting processes associated with Markov renewal processes *JAP* **42** (2005) 1031–1043
- BAMBOS, N. AND MICHAELIDIS, G. Queueing and scheduling in random environments *AAP* **36** (2004) 293–317
- BARBOUR, A. D. AND XIA, A. Normal approximation for random sums *AAP* **38** (2006) 693–728
- BARINGHAUS, L. AND GRÜBEL, R. Monte Carlo algorithms for finding the maximum of a random walk with negative drift *JAP* **43** (2006) 74–86
- BARLEVY, G. AND NAGARAJA, H. N. Characterizations in a random record model with a nonidentically distributed initial record *JAP* **43** (2006) 1119–1136
- BARNDORFF-NIELSEN, O. E. AND LEONENKO, N. N. Burgers’ turbulence problem with linear or quadratic external potential *JAP* **42** (2005) 550–565
- BARRERA, J. AND PAROISSIN, C. On the distribution of the search cost for the move-to-front rule with random weights *JAP* **41** (2004) 250–262
- BARRIEU, P., ROUAULT, A. AND YOR, M. A study of the Hartman–Watson distribution motivated by numerical problems related to the pricing of Asian options *JAP* **41** (2004) 1049–1058
- BARRON, Y., FROSTIG, E. AND LEVIKSON, B. Analysis of R -out-of- N repairable systems: the case of phase-type distributions *AAP* **36** (2004) 116–138
- BARRY, D. AND LYNCH, C. The minimax bookie: the two-horse case *AAP* **38** (2006) 899–915
- BARTOSZEK, K. AND BARTOSZEK, W. On the time behaviour of Okazaki fragments *JAP* **43** (2006) 500–509
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- BARYSHNIKOV, Y., COFFMAN, JR, E. G. AND JELENKOVIĆ, P. R. Space filling and depletion *JAP* **41** (2004) 691–702
- BASAK, G. K. AND HO, K.-W. R. Level-crossing probabilities and first-passage times for linear processes *AAP* **36** (2004) 643–666
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- BECKER-KERN, P., MEERSCHAERT, M. M. AND SCHEFFLER, H.-P. Limit theorem for continuous-time random walks with two time scales *JAP* **41** (2004) 455–466
- BEDFORD, T. AND LINDQVIST, B. H. The identifiability problem for repairable systems subject to competing risks *AAP* **36** (2004) 774–790
- BELZUNCE, F. AND SEMERARO, P. Preservation of positive and negative orthant dependence concepts under mixtures and applications *JAP* **41** (2004) 961–974
- BENDER, C. AND SCHOENMAKERS, J. An iterative method for multiple stopping: convergence and stability *AAP* **38** (2006) 729–749
- BÉRARD, J. The almost sure central limit theorem for one-dimensional nearest-neighbour random walks in a space–time random environment *JAP* **41** (2004) 83–92

- BEREND, D. AND SAPIR, L. Range of asymptotic behavior of the optimality probability of the expert and majority rules *JAP* **43** (2006) 16–31
- BERTOIN, J. AND MARTÍNEZ, S. Fragmentation energy *AAP* **37** (2005) 553–570
- BHATT, A. G. AND ROY, R. On a random directed spanning tree *AAP (SGSA)* **36** (2004) 19–42
- BHULAI, S. On the value function of the $M/\text{Cox}(r)/1$ queue *JAP* **43** (2006) 363–376
- BIERMÉ, H. AND ESTRADE, A. Poisson random balls: self-similarity and X-ray images *AAP (SGSA)* **38** (2006) 853–872
- BIGGINS, J. D. AND KYPRIANOU, A. E. Measure change in multitype branching .. *AAP* **36** (2004) 544–581
- AND RAHIMZADEH SANI, A. Convergence results on multitype, multivariate branching random walks *AAP* **37** (2005) 681–705
- BINGHAM, N. H. Doob: a half-century on *JAP* **42** (2005) 257–266
- BLUM, M. G. B. AND FRANÇOIS, O. Minimal clade size and external branch length under the neutral coalescent *AAP* **37** (2005) 647–662
- BOBROWSKI, A. Quasi-stationary distributions of a pair of Markov chains related to time evolution of a DNA locus *AAP* **36** (2004) 57–77
- BOLAND, P. J., SINGH, H. AND CUKIC, B. The stochastic precedence ordering with applications in sampling and testing *JAP* **41** (2004) 73–82
- BOLLOBÁS, B. *see* BALISTER, P.
- BON, J.-L. AND ILLAYK, A. Ageing properties and series systems *JAP* **42** (2005) 279–286
- BORDENAVE, C. Stability of spatial queueing systems *AAP* **38** (2006) 487–504
- , GOUSSEAU, Y. AND ROUEFF, F. The dead leaves model: a general tessellation modeling occlusion *AAP (SGSA)* **38** (2006) 31–46
- BORODOVSKY, M. *see* MITROPHANOV, A. Y.
- BOROVKOV, A. A. AND HORDIJK, A. Characterization and sufficient conditions for normed ergodicity of Markov chains *AAP* **36** (2004) 227–242
- BOROVKOV, K. On pair and tuple formation under independent Poisson or renewal arrival processes *JAP* **41** (2004) 1138–1144
- AND NOVIKOV, A. Explicit bounds for approximation rates of boundary crossing probabilities for the Wiener process *JAP* **42** (2005) 82–92
- AND VATUTIN, V. A. On the asymptotic behaviour of random recursive trees in random environments *AAP* **38** (2006) 1047–1070
- BOSSY, M., GOBET, E. AND TALAY, D. A symmetrized Euler scheme for an efficient approximation of reflected diffusions *JAP* **41** (2004) 877–889
- BOUTSIKAS, M. V. AND KOUTRAS, M. V. On the asymptotic distribution of the discrete scan statistic *JAP* **43** (2006) 1137–1154
- BOXMA, O., PERRY, D., STADJE, W. AND ZACKS, S. A Markovian growth-collapse model *AAP* **38** (2006) 221–243
- *see* KELLA, O.
- BRÉMAUD, P., MASSOULIÉ, L. AND RIDOLFI, A. Power spectra of random spike fields and related processes *AAP* **37** (2005) 1116–1146
- BRITTON, T. *see* BALL, F.
- BRONSTEIN, A. L., HUGHSTON, L. P., PISTORIUS, M. AND ZERVOS, M. Discretionary stopping of one-dimensional Itô diffusions with a staircase reward function . *JAP* **43** (2006) 984–996
- BROOMS, A. C. On the Nash equilibria for the FCFS queueing system with load-increasing service rate *AAP* **37** (2005) 461–481
- BRUMMELHUIS, R. AND GUÉGAN, D. Multiperiod conditional distribution functions for conditionally normal GARCH(1,1) models *JAP* **42** (2005) 426–445
- BRUSS, F. T. What is known about Robbins' problem? *JAP* **42** (2005) 108–120
- *see* SWAN, Y. C.
- BUCHMANN, B. AND KLÜPPELBERG, C. Maxima of stochastic processes driven by fractional Brownian motion *AAP* **37** (2005) 743–764
- BURNETAS, A. *see* ÖRMECI, E. L.
- BUSS, S. R. AND CLOTE, P. Solving the Fisher–Wright and coalescence problems with a discrete Markov chain analysis *AAP* **36** (2004) 1175–1197
- C**
- CABALLERO, M. E. AND CHAUMONT, L. Conditioned stable Lévy processes and the Lamperti representation *JAP* **43** (2006) 967–983

- CAI, J. AND LI, H. Conditional tail expectations for multivariate phase-type distributions *JAP* **42** (2005) 810–825
- AND TANG, Q. On max-sum equivalence and convolution closure of heavy-tailed distributions and their applications *JAP* **41** (2004) 117–130
- AND YANG, H. Ruin in the perturbed compound Poisson risk process under interest force *AAP* **37** (2005) 819–835
- *see* STANKE, M.
- CAIRNS, B. AND POLLETT, P. Extinction times for a general birth, death and catastrophe process *JAP* **41** (2004) 1211–1218
- *see* CHEN, A.
- CALKA, P. AND SCHREIBER, T. Large deviation probabilities for the number of vertices of random polytopes in the ball *AAP (SGSA)* **38** (2006) 47–58
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- CAVAZOS-CADENA, R. AND MONTES-DE-OCA, R. Nonstationary value iteration in Markov controlled chains with risk-sensitive average criterion *JAP* **42** (2005) 905–918
- CECI, C. AND GERARDI, A. Multitype branching processes observing particles of a given type *JAP* **42** (2005) 446–462
- CHA, J. H. A note on the upper bound for the optimal work size *JAP* **41** (2004) 277–280
- CHARPENTIER, A. AND JURI, A. Limiting dependence structures for tail events, with applications to credit derivatives *JAP* **43** (2006) 563–586
- CHATTERJEE, K. AND XU, S. H. Technology diffusion by learning from neighbours
- CHAUMONT, L. *see* CABALLERO, M. E.
- CHEN, A. AND RENSHAW, E. Markovian bulk-arriving queues with state-dependent control at idle time *AAP* **36** (2004) 499–524
- , POLLETT, P., ZHANG, H. AND CAIRNS, B. Uniqueness criteria for continuous-time Markov chains with general transition structures *AAP* **37** (2005) 1056–1074
- , —, — AND LI, J. The collision branching process *JAP* **41** (2004) 1033–1048
- , ZHANG, H., LIU, K. AND RENNOLLS, K. Birth–death processes with disaster and instantaneous resurrection *AAP* **36** (2004) 267–292
- CHEN, H.-C., CHOW, Y. AND HSIEH, J. Boundedly rational quasi-Bayesian learning in coordination games with imperfect monitoring *JAP* **43** (2006) 335–350
- CHEN, M.-R. AND HSIAU, S.-R. Two-person red-and-black with bet-dependent win probability functions *JAP* **43** (2006) 905–915
- AND WEI, C.-Z. A new urn model *JAP* **42** (2005) 964–976
- CHEN, R. W., SHEPP, L. AND ZAME, A. A bold strategy is not always optimal in the presence of inflation *JAP* **41** (2004) 587–592
- , —, YAO, Y.-C. AND ZHANG, C.-H. On optimality of bold play for primitive casinos in the presence of inflation *JAP* **42** (2005) 121–137
- CHEN, Y., NG, K. W. AND TANG, Q. Weighted sums of subexponential random variables and their maxima *AAP* **37** (2005) 510–522
- CHEN, Y.-P. A central limit property under a modified Ehrenfest urn design *JAP* **43** (2006) 409–420
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- CHIU, S. N. *see* COWAN, R.
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- CLANCY, D. A stochastic SIS infection model incorporating indirect transmission *JAP* **42** (2005) 726–737
- CLOTE, P. *see* BUSS, S.R.
- COFFMAN, JR, E. G. *see* BARYSHNIKOV, Y.
- COLANGELO, A., MÜLLER, A. AND SCARSINI, M. Positive dependence and weak convergence *JAP* **43** (2006) 48–59
- COLLINS, E. J. *see* JAMES, H. W.
- COSTA, O. L. V. AND DUFOUR, F. A sufficient condition for the existence of an invariant probability measure for Markov processes *JAP* **42** (2005) 873–878
- , — Ergodic properties and ergodic decompositions of continuous-time Markov processes *JAP* **43** (2006) 767–781
- COTAR, C. AND VOLKOV, S. A note on the lilypond model *AAP (SGSA)* **36** (2004) 325–339
- COWAN, R. A more comprehensive complementary theorem for the analysis of Poisson point processes *AAP (SGSA)* **38** (2006) 581–601

- AND CHIU, S. N. Extension of Deltheil's study on random points in a convex quadrilateral *AAP (SGSA)* **37** (2005) 857–858
- CUEVAS, A. AND RODRÍGUEZ-CASAL, A. On boundary estimation *AAP (SGSA)* **36** (2004) 340–354
- CUKIC, B. *see* BOLAND, P. J.
- D**
- DADUNA, H. AND SZEKLI, R. Dependence ordering for Markov processes on partially ordered spaces *JAP* **43** (2006) 793–814
- DALEY, D. J. AND LAST, G. Descending chains, the lilypond model, and mutual-nearest-neighbour matching *AAP (SGSA)* **37** (2005) 604–628
- DASSIOS, A. AND JANG, J.-W. Kalman–Bucy filtering for linear systems driven by the Cox process with shot noise intensity and its application to the pricing of reinsurance contracts *JAP* **42** (2005) 93–107
- DATTA, N. AND DORLAS, T. C. Random walks on a complete graph: a model for infection *JAP* **41** (2004) 1008–1021
- D'AURIA, B. AND RESNICK, S. Data network models of burstiness *AAP* **38** (2006) 373–404
- DAVYDOV, Y. AND NAGAEV, A. V. On the role played by extreme summands when a sum of independent and identically distributed random vectors is asymptotically α -stable *JAP* **41** (2004) 437–454
- DE HAAN, L. *see* GOMES, M. I.
- DE IORIO, M. AND GRIFFITHS, R. C. Importance sampling on coalescent histories. I —, — Importance sampling on coalescent histories. II: Subdivided population models *AAP* **36** (2004) 417–433
- DE LA CAL, J. AND CÁRCAMO, J. Stochastic orders and majorization of mean order statistics *JAP* **43** (2006) 704–712
- DE LA RUE, T. *see* JANVRESSE, É.
- DE SANTIS, E. AND SPIZZICHINO, F. Change-point models and conditionally pure birth processes: an inequality on the stochastic intensity *JAP* **41** (2004) 939–952
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- AND MEESTER, R. Generating stationary random graphs on \mathbb{Z} with prescribed independent, identically distributed degrees *AAP (SGSA)* **38** (2006) 287–298
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- DELGADO, R., LÓPEZ, F. J. AND SANZ, G. Local conditions for the stochastic comparison of particle systems *AAP* **36** (2004) 1252–1277
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- AND MANDJES, M. On asymptotically efficient simulation of large deviation probabilities *AAP* **37** (2005) 539–552
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- DOLGOARSHINNYKH, R. G. AND LALLEY, S. P. Critical scaling for the SIS stochastic epidemic *JAP* **43** (2006) 892–898
- DONEY, R. A. AND GRIFFIN, P. S. Overshoots over curved boundaries. II *AAP* **36** (2004) 1148–1174
- DONG, Z. AND FENG, S. Occupation time processes of super-Brownian motion with cut-off branching *JAP* **41** (2004) 984–997
- DONOHU, D. L. *see* ARIAS-CASTRO, E.
- DORLAS, T. C. *see* DATTA, N.
- DOUKHAN, P., LATOUR, A. AND ORAICHI, D. A simple integer-valued bilinear time series model *AAP* **38** (2006) 559–578
- DOUSSE, O., FRANCESCHETTI, M., MACRIS, N., MEESTER, R. AND THIRAN, P. Percolation in the signal to interference ratio graph *JAP* **43** (2006) 552–562
- DOYEN, L. AND GAUDOIN, O. Imperfect maintenance in a generalized competing risks framework *JAP* **43** (2006) 825–839
- DRAIEF, M. AND GANESH, A. Efficient routing in Poisson small-world networks —, MAIRESSE, J. AND O'CONNELL, N. Queues, stores, and tableaux *JAP* **43** (2006) 678–686
- , MAIRESSE, J. AND O'CONNELL, N. Queues, stores, and tableaux *JAP* **42** (2005) 1145–1167
- DRMOTA, M. AND HWANG, H.-K. Profiles of random trees: correlation and width of random recursive trees and binary search trees *AAP* **37** (2005) 321–341
- DUBE, P., GUILLEMIN, F. M. AND MAZUMDAR, R. R. Scale functions of Lévy processes and busy periods of finite-capacity M/GI/1 queues *JAP* **41** (2004) 1145–1156

- DUDIN, A. AND SEMENOVA, O. A stable algorithm for stationary distribution calculation for a BMAP/SM/1 queueing system with Markovian arrival input of disasters *JAP* **41** (2004) 547–556
- DUENYAS, I. *see* AHN, H.-S.
- DUFFY, K. AND METCALFE, A. P. How to estimate the rate function of a cumulative process *JAP* **42** (2005) 1044–1052
- , — The large deviations of estimating rate functions *JAP* **42** (2005) 267–274
- DUFOUR, F. *see* COSTA, O. L. V.
- DUFRESNE, D. The log-normal approximation in financial and other computations *AAP* **36** (2004) 747–773
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- E**
- EBRAHIMI, N. Burn-in and covariates *JAP* **41** (2004) 735–745
- *see* ASADI, M.
- ECONOMOU, A. Generalized product-form stationary distributions for Markov chains in random environments with queueing applications *AAP* **37** (2005) 185–211
- The compound Poisson immigration process subject to binomial catastrophes *JAP* **41** (2004) 508–523
- EKSTRÖM, E. Bounds for perpetual American option prices in a jump diffusion model *JAP* **43** (2006) 867–873
- Russian options with a finite time horizon *JAP* **41** (2004) 313–326
- , JANSON, S. AND TYSK, J. Superreplication of options on several underlying assets *JAP* **42** (2005) 27–38
- ESAULOVA, V. *see* FINKELSTEIN, M. S.
- ESTRADE, A. *see* BIERMÉ, H.
- ETHIER, S. N. The Kelly system maximizes median fortune *JAP* **41** (2004) 1230–1236
- AND LEVIN, D. A. On the fundamental theorem of card counting, with application to the game of trente et quarante *AAP* **37** (2005) 90–107
- EUN, D. Y. AND SHROFF, N. B. Network decomposition in the many-sources regime *AAP* **36** (2004) 893–918
- F**
- FAN-ORZECZOWSKI, X. AND FEINBERG, E. A. Optimality of randomized trunk reservation for a problem with a single constraint *AAP* **38** (2006) 199–220
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- FEINBERG, E. A. *see* FAN-ORZECZOWSKI, X.
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- FENG, S. *see* DONG, Z.
- FERREIRA, F. AND PACHECO, A. Level-crossing ordering of semi-Markov processes and Markov chains *JAP* **42** (2005) 989–1002
- , — Level crossing ordering of skip-free-to-the-right continuous-time Markov chains *JAP* **42** (2005) 52–60
- FERREIRA, H. The upcrossings index and the extremal index *JAP* **43** (2006) 927–937
- *see* PEREIRA, L.
- FINCH, S. AND HUETER, I. Random convex hulls: a variance revisited *AAP* (SGSA) **36** (2004) 981–986
- FINKELSTEIN, D. E. *see* KHAROUFEH, J. P.
- FINKELSTEIN, M. Minimal repair in heterogeneous populations *JAP* **41** (2004) 281–286
- AND ESAULOVA, V. Asymptotic behavior of a general class of mixture failure rates *AAP* **38** (2006) 244–262
- FINLAY, R. AND SENETA, E. Stationary-increment Student and variance-gamma processes *JAP* **43** (2006) 441–453
- , — Correction *JAP* **43** (2006) 1207
- FOLEY, R. D. *see* ZIYA, S.
- FONTES, L. R., MACHADO, F. P. AND SARKAR, A. The critical probability for the frog model is not a monotonic function of the graph *JAP* **41** (2004) 292–298
- FOSS, S. *see* BACCELLI, F.
- FRALIX, B. H. Foster-type criteria for Markov chains on general spaces *JAP* **43** (2006) 1194–1200
- FRANCESCHETTI, M. AND MEESTER, R. Navigation in small-world networks: a scale-free continuum model *JAP* **43** (2006) 1173–1180
- *see* DOUSSE, O.
- FRANÇOIS, O. *see* BLUM, M. G. B.

- FRICKER, C. *see* ANTUNES, N.
- FROSTIG, E. On the expected time to ruin and the expected dividends when dividends are paid while the surplus is above a constant barrier *JAP* **42** (2005) 595–607
 — Upper bounds on the expected time to ruin and on the expected recovery time *AAP* **36** (2004) 377–397
 — *see* BARRON, Y.
- FUJITA, T., PETIT, F. AND YOR, M. Pricing path-dependent options in a Black-Scholes market from the distribution of homogeneous Brownian functionals *JAP* **41** (2004) 1–18
- G**
- GAMARNIK, D. AND MOMČILOVIĆ, P. A transposition rule analysis based on a particle process *JAP* **42** (2005) 235–246
- GANESH, A. AND TORRISI, G. L. A class of risk processes with delayed claims: ruin probability estimates under heavy tail conditions *JAP* **43** (2006) 916–926
 — *see* DRAIEF, M.
- GANI, J. Obituary: Mavis Hitchcock *JAP* **41** (2004) 597–600
- GAO, J. Modelling long-range-dependent Gaussian processes with application in continuous-time financial models *JAP* **41** (2004) 467–482
- GARRIDO, J. *see* LI, S.
- GAUDOIN, O. *see* DOYEN, L.
- GE, H., JIANG, D.-Q. AND QIAN, M. Reversibility and entropy production of inhomogeneous Markov chains *JAP* **43** (2006) 1028–1043
- GELUK, J. AND NG, K. W. Tail behavior of negatively associated heavy-tailed sums *JAP* **43** (2006) 587–593
- GENTON, M. G. AND PERRIN, O. On a time deformation reducing nonstationary stochastic processes to local stationarity *JAP* **41** (2004) 236–249
- GERARDI, A. AND TARDELLI, P. Heterogeneous population dynamical model: a filtering problem *JAP* **42** (2005) 346–361
 — *see* CECI, C.
- GHAHRAMANI, S. AND WOLFF, R. W. On finite moments of full busy periods of GI/G/c queues *JAP* **42** (2005) 275–278
- GILLETT, A., MEESTER, R. AND VAN DER WAL, P. Maximal avalanches in the Bak–Sneppen model *JAP* **43** (2006) 840–851
- GLAZ, J., KULLDORFF, M., POZDNYAKOV, V. AND STEELE, J. M. Gambling teams and waiting times for patterns in two-state Markov chains *JAP* **43** (2006) 127–140
- GLAZEBROOK, K. D., KIRKBRIDE, C. AND RUIZ-HERNANDEZ, D. Spinning plates and squad systems: policies for bi-directional restless bandits *AAP* **38** (2006) 95–115
 —, RUIZ-HERNANDEZ, D. AND KIRKBRIDE, C. Some indexable families of restless bandit problems *AAP* **38** (2006) 643–672
 —, ANSELL, P. S., DUNN, R. T. AND LUMLEY, R. R. On the optimal allocation of service to impatient tasks *JAP* **41** (2004) 51–72
- GLEATON, J. U. AND LYNCH, J. D. On the distribution of the breaking strain of a bundle of brittle elastic fibers *AAP* **36** (2004) 98–115
- GLYNN, P. W. *see* ARAMAN, V. F. AND ZEEVI, A.
- GOBET, E. *see* BOSSY, M.
- GOLANY, B. *see* AVI-ITZHAK, B.
- GOLDSTEIN, L. Berry–Esseen bounds for combinatorial central limit theorems and pattern occurrences, using zero and size biasing *JAP* **42** (2005) 661–683
 — *see* ASSAF, D.
- GOMES, M. I., DE HAAN, L. AND PESTANA, D. Joint exceedances of the ARCH process *JAP* **41** (2004) 919–926
 —, —, — Correction *JAP* **43** (2006) 1206
- GONZÁLEZ, M., MARTÍNEZ, R. AND MOTA, M. On the geometric growth in a class of homogeneous multitype Markov chain *JAP* **42** (2005) 1015–1030
 —, —, — Rates of growth in a class of homogeneous multidimensional Markov chains *JAP* **43** (2006) 159–174
 —, MOLINA, M. AND DEL PUERTO, I. Asymptotic behaviour of critical controlled branching processes with random control functions *JAP* **42** (2005) 463–477
- GOUET, R., LÓPEZ, F. J. AND SANZ, G. Central limit theorems for the number of records in discrete models *AAP* **37** (2005) 781–800

- GOUSSEAU, Y. *see* BORDENAVE, C.
- GRAVEREAUX, J.-B. AND LEDOUX, J. Poisson approximation for some point processes in reliability *AAP* **36** (2004) 455–470
- GRAY, B., POLLETT, P. AND ZHANG, H. On the existence of uni-instantaneous Q -processes with a given finite μ -invariant measure *JAP* **42** (2005) 713–725
- GRIFFIN, P. S. *see* DONEY, R. A.
- GRIFFITHS, R. C. Coalescent lineage distributions *AAP* **38** (2006) 405–429
— *see* DE IORIO, M.
- GRÜBEL, R. AND REICH, M. Rarity and exponentiality: an extension of Keilson’s theorem, with applications *JAP* **42** (2005) 393–406
— *see* BARINGHAUS, L.
- GRUBER, U. AND SCHWEIZER, M. A diffusion limit for generalized correlated random walks *JAP* **43** (2006) 60–73
- GUÉGAN, D. *see* BRUMMELHUIS, R.
- GUILLEMIN, F. AND PINCHON, D. Analysis of generalized processor-sharing systems with two classes of customers with exponential services *JAP* **41** (2004) 832–858
—, ROBERT, P. AND ZWART, B. Tail asymptotics for processor-sharing queues . . . *AAP* **36** (2004) 525–543
— *see* ANTUNES, N., DUBE, P. AND PIERA, F. J.
- GUILLOTIN-PLANTARD, N. Gillis’s random walks on graphs *JAP* **42** (2005) 295–301
- GUO, J. *see* YUEN, K. C.
- GUO, X. AND HERNÁNDEZ-LERMA, O. Nonzero-sum games for continuous-time Markov chains with unbounded discounted payoffs *JAP* **42** (2005) 303–320
— AND LIU, J. Stopping at the maximum of geometric Brownian motion when signals are received *JAP* **42** (2005) 826–838
— AND ZHU, Q. Average optimality for Markov decision processes in Borel spaces: a new condition and approach *JAP* **43** (2006) 318–334
- H**
- HADJILIADIS, O. Optimality of the 2-CUSUM drift equalizer rules for detecting two-sided alternatives in the Brownian motion model *JAP* **42** (2005) 1183–1193
- HÄGGSTRÖM, O. *see* DELFEN, M.
- HAJEK, B. *see* ALVAREZ, J.
- HAMBLY, B. M. AND JORDAN, J. A random hierarchical lattice: the series–parallel graph and its properties *AAP* **36** (2004) 824–838
- HAMEDANI, G. G. *see* ASADI, M.
- HAMMARLID, O. Tools to estimate the first passage time to a convex barrier *JAP* **42** (2005) 61–81
- HAMZA, K., JACKA, S. AND KLEBANER, F. The equivalent martingale measure conditions in a general model for interest rates *AAP* **37** (2005) 415–434
- HANSEN, J. AND REITZNER, M. Electromagnetic wave propagation and inequalities for moments of chord lengths *AAP (SGSA)* **36** (2004) 987–995
- HART, A. G., MARTÍNEZ, S. AND VIDELA, L. A simple maximization model inspired by algorithms for the organization of genetic candidates in bacterial DNA . . *AAP* **38** (2006) 1071–1097
- HAUSER, R., MARTÍNEZ, S. AND MATZINGER, H. Large deviations-based upper bounds on the expected relative length of longest common subsequences . . *AAP* **38** (2006) 827–852
- HEFFERNAN, J. AND RESNICK, S. Hidden regular variation and the rank transform . . *AAP* **37** (2005) 393–414
- HEIDERGOTT, B. AND HORDIJK, A. Correction *AAP* **36** (2004) 1300
- HEINRICH, L., SCHMIDT, H. AND SCHMIDT, V. Limit theorems for stationary tessellations with random inner cell structures *AAP (SGSA)* **37** (2005) 25–47
- HENDERSON, S. G. AND SIMON, B. Adaptive simulation using perfect control variates . . *JAP* **41** (2004) 859–876
- HERNÁNDEZ-LERMA, O. *see* GUO, X.
- HEYDE, C. C. AND LEONENKO, N. N. Student processes *AAP* **37** (2005) 342–365
— *see* WONG, B.
- HIGUERAS, I., MOLER, J., PLO, F. AND SAN MIGUEL, M. Central limit theorems for generalized Pólya urn models *JAP* **43** (2006) 938–951
- HINZ, J. A revenue-equivalence theorem for electricity auctions *JAP* **41** (2004) 299–312
- HO, K.-W. R. *see* BASAK, G. K.
- HONG, W.-M. A note on two-level superprocesses *JAP* **41** (2004) 202–210
- HORBACZ, K. Random dynamical systems with jumps *JAP* **41** (2004) 890–910
- HORDIJK, A. *see* BOROVKOV, A. A. *and* HEIDERGOTT, B.

- HÖRFELT, P. The moment problem for some Wiener functional: corrections to previous proofs (with an appendix by H. L. Pedersen) *JAP* **42** (2005) 851–860
- HOSHINO, N. A discrete multivariate distribution resulting from the law of small numbers *JAP* **43** (2006) 852–866
- HOU, Z. AND LIU, Y. Explicit criteria for several types of ergodicity of the embedded M/G/1 and GI/M/n queues *JAP* **41** (2004) 778–790
- , — AND ZHANG, H. Subgeometric rates of convergence for a class of continuous-time Markov process *JAP* **42** (2005) 698–712
- see LIU, Y.
- HSIAU, S.-R. see CHEN, M.-R. and YANG, J.-R.
- HSIEH, J. see CHEN, H.-C.
- HU, C.-Y. AND LIN, G. D. Sharp reliability bounds for the \mathcal{L} -like distributions, a class in which ageing is based on Laplace transform inequalities *JAP* **42** (2005) 1204–1208
- HUCKEMANN, S. AND ZIEZOLD, H. Principal component analysis for Riemannian manifolds, with an application to triangular shape spaces *AAP (SGSA)* **38** (2006) 299–319
- HUETER, I. see FINCH, S.
- HUG, D. AND REITZNER, M. Gaussian polytopes: variances and limit theorems *AAP (SGSA)* **37** (2005) 297–320
- , — AND SCHNEIDER, R. Large Poisson–Voronoi cells and Crofton cells *AAP (SGSA)* **36** (2004) 667–690
- HUGHSTON, L. P. see BRONSTEIN, A. L.
- HUILLET, T. On a deposition process on the circle with disorder *AAP (SGSA)* **36** (2004) 996–1020
- HULT, H. AND LINDSKOG, F. On regular variation for infinitely divisible random vectors and additive processes *AAP* **38** (2006) 134–148
- HUO, X. see ARIAS-CASTRO, E.
- HUZAK, M., PERMAN, M., ŠIKIĆ, H. AND VONDRAČEK, Z. Ruin probabilities for competing claim processes *JAP* **41** (2004) 679–690
- HWANG, H.-K. see DRMOTA, M.
- I**
- IGNATOV, Z. G. AND KAISHEV, V. K. A finite-time ruin probability formula for continuous claim severities *JAP* **41** (2004) 570–578
- , — On the infinite-horizon probability of (non)ruin for integer-valued claims *JAP* **43** (2006) 535–551
- IKSANOV, A. M. Infinite divisibility of infinite sums of lower records: a simple proof *JAP* **41** (2004) 1187–1190
- Correction *JAP* **43** (2006) 602
- ILLAYK, A. see BON, J.-L.
- IRLE, A. A forward algorithm for solving optimal stopping problems *JAP* **43** (2006) 102–113
- AND SASS, J. Optimal portfolio policies under fixed and proportional transaction costs *AAP* **38** (2006) 916–942
- ISHIZAKI, F. Decomposition property in a discrete-time queue with multiple input streams and service interruptions *JAP* **41** (2004) 524–534
- ISPÁNY, M., PAP, G. AND VAN ZUIJLEN, M. C. A. Fluctuation limit of branching processes with immigration and estimation of the means *AAP* **37** (2005) 523–538
- J**
- JACKA, S., LAZIC, Z. AND WARREN, J. Conditioning an additive functional of a Markov chain to stay nonnegative. I. Survival for a long time *AAP* **37** (2005) 1015–1034
- , —, — Conditioning an additive functional of a Markov chain to stay nonnegative. II. Hitting a high level *AAP* **37** (2005) 1035–1055
- see HAMZA, K.
- JACOB, C. see LALAM, N.
- JACOBSEN, M. The time to ruin for a class of Markov additive risk process with two-sided jumps *AAP* **37** (2005) 963–992
- JAGERS, P. AND SAGITOV, S. Convergence to the coalescent in populations of substantially varying size *JAP* **41** (2004) 368–378
- see LALAM, N. and LU, Z.
- JAMES, H. W. AND COLLINS, E. J. An analysis of transient Markov decision processes *JAP* **43** (2006) 603–621
- JANG, J.-W. see DASSIOS, A.
- JANSON, S. see EKSTRÖM, E.

- JANVRESSE, É. AND DE LA RUE, T. From uniform distributions to Benford's law *JAP* **41** (2004) 1203–1210
- JARNER, S. F. AND YUEN, W. K. Conductance bounds on the L^2 convergence rate of metropolis algorithms on unbounded state spaces *AAP* **36** (2004) 243–266
- JELENKOVIĆ, P. R., RADOVANOVIC, A. AND SQUILLANTE, M. S. Critical sizing of LRU caches with dependent requests *JAP* **43** (2006) 1013–1027
— see BARYSHNIKOV, Y.
- JIANG, D.-Q. see GE, H.
- JIMENEZ, J. C. AND CARBONELL, F. Local linear approximations of jump diffusion processes *JAP* **43** (2006) 185–194
- JOFFE, A. AND LETAC, G. Multitype linear fractional branching processes *JAP* **43** (2006) 1091–1106
- JOHNSON, O. A central limit theorem for non-overlapping return times *JAP* **43** (2006) 32–47
- JONES, O. D. Large deviations for supercritical multitype branching processes *JAP* **41** (2004) 703–720
- JORDAN, J. see HAMBLY, B. M.
- JURI, A. see CHARPENTIER, A.
- K**
- KAISHEV, V. K. see IGNATOV, Z. G.
- KARP, R. M. see ADLER, I.
- KATONA, Z. Width of a scale-free tree *JAP* **42** (2005) 839–850
- KATSIKOPoulos, K. V. AND SIMSEK, Ö. Optimal doubling strategy against a suboptimal opponent *JAP* **42** (2005) 867–872
- KAWASAKI, S. see ALBEVERIO, S. and KOBAYASHI, K.
- KAWAZU, K. AND SUZUKI, Y. Limit theorems for a diffusion process with a one-sided Brownian potential *JAP* **43** (2006) 997–1012
- KELBERT, M. Y., LEONENKO, N. N. AND RUIZ-MEDINA, M. D. Fractional random fields associated with stochastic fractional heat equations *AAP* **37** (2005) 108–133
- KELLA, O. AND STADJE, W. A Brownian motion with two reflecting barriers and Markov-modulated speed *JAP* **41** (2004) 1237–1242
—, BOXMA, O. AND MANDJES, M. A Lévy process reflected at a Poisson age process *JAP* **43** (2006) 221–230
—, ZWART, B. AND BOXMA, O. Some time-dependent properties of symmetric M/G/1 queues *JAP* **42** (2005) 223–234
- KHAROUFEH, J. P., FINKELSTEIN, D. E. AND MIXON, D. G. Availability of periodically inspected systems with Markovian wear and shocks *JAP* **43** (2006) 303–317
- KIESSLER, P. C. AND NIMITKIATKLAI, K. The lifetime of a random set *JAP* **42** (2005) 566–580
— see LUND, R.
- KIM, B. AND SOHRABY, K. Tail behavior of the queue size and waiting time in a queue with discrete autoregressive arrivals *AAP* **38** (2006) 1116–1131
- KIRKBRIDE, C. see GLAZEBROOK, K. D.
- KLASSEN, E. see SRIVASTAVA, A.
- KLEBANER, F. see HAMZA, K.
- KLOK, M. J. see VAN DER HOFSTAD, R.
- KLÜPPELBERG, C. AND KYPRIANOU, A. E. On extreme ruinous behaviour of Lévy insurance risk processes *JAP* **43** (2006) 594–598
—, LINDNER, A. AND MALLER, R. A continuous-time GARCH process driven by a Lévy process: stationarity and second-order behaviour *JAP* **41** (2004) 601–622
— see BUCHMANN, B.
- KNIGHT, F. B. AND STEICHEN, J. L. An interference problem with application to crystal growth *AAP* **36** (2004) 725–746
- KO, S.-S. AND SERFOZO, R. F. Response times in M/M/s fork-join networks *AAP* **36** (2004) 854–871
- KOBAYASHI, K., KAWASAKI, H. AND TAKEMURA, A. Parallel matching for ranking all teams in a tournament *AAP* **38** (2006) 804–826
- KOLESNIK, A. D. A four-dimensional random motion at finite speed *JAP* **43** (2006) 1107–1118
— AND ORSINGER, E. A planar random motion with an infinite number of directions controlled by the damped wave equation *JAP* **42** (2005) 1168–1182
- KOOLE, G. A formula for tail probabilities of Cox distributions *JAP* **41** (2004) 935–938
—, NUYENS, M. AND RIGHTER, R. The effect of service time variability on maximum queue lengths in $M^X/G/1$ queues *JAP* **42** (2005) 883–891

- KORDZAKHIA, G. AND LALLEY, S. P. Ergodicity and mixing properties of the northeast model *JAP* **43** (2006) 782–792
- KOUTRAS, M. V. *see* BOUTSIKAS, M. V.
- KOZUBOWSKI, T. J., MEERSCHAERT, M. M. AND PODGÓRSKI, K. Fractional Laplace motion *AAP* **38** (2006) 451–464
- KROESE, D. P. *see* ASMUSSEN, S.
- KRUK, L. Limiting distributions for minimum relative entropy calibration *JAP* **41** (2004) 35–50
- KULIK, R. Limit theorems for moving averages with random coefficients and heavy-tailed noise *JAP* **43** (2006) 245–256
- KULLDORFF, M. *see* GLAZ, J.
- KULPERGER, R. *see* CHEN, Z.
- KYPRIANOU, A. E. *see* BIGGINS, J. D. and KLÜPPELBERG, C.
- L**
- LACAUX, C. Series representation and simulation of multifractional Lévy motions *AAP* **36** (2004) 171–197
- LACHAUD, B. Cut-off and hitting times of a sample of Ornstein–Uhlenbeck processes and its average *JAP* **42** (2005) 1069–1080
- LADRET, V. Asymptotic hitting time for a simple evolutionary model of protein folding *JAP* **42** (2005) 39–51
- LAGERÅS, A. N. A renewal-process-type expression for the moments of inverse subordinators *JAP* **42** (2005) 1134–1144
- AND MARTIN-LÖF, A. Genealogy for supercritical branching processes *JAP* **43** (2006) 1066–1076
- LALAM, N. AND JACOB, C. Estimation of the offspring mean in a supercritical or near-critical size-dependent branching process *AAP* **36** (2004) 582–601
- , — AND JAGERS, P. Modelling the PCR amplification process by a size-dependent branching process and estimation of the efficiency *AAP* **36** (2004) 602–615
- LALLEY, S. P. *see* DOLGOARSHINNYKH, R. G. and KORDZAKHIA, G.
- LAM, Y. A monotone process maintenance model for a multistate system *JAP* **42** (2005) 1–14
- LANCHIER, N. A multitype contact process with frozen states: a spatial model of allelopathy *JAP* **42** (2005) 1109–1119
- Phase transitions and duality properties of a successional model *AAP* **37** (2005) 265–278
- LASMAR, N. *see* AGUECH, R.
- LAST, G. Ergodicity properties of stress release, repairable system and workload models *AAP* **36** (2004) 471–498
- Stationary partitions and Palm probabilities *AAP* (SGSA) **38** (2006) 602–620
- *see* DALEY, D. J.
- LATOUCHE, G. AND TAKINE, T. Markov-renewal fluid queues *JAP* **41** (2004) 746–757
- LATOUR, A. *see* DOUKHAN, P.
- LAZIC, Z. *see* JACKA, S.
- LEDOUX, J. Linear dynamics for the state vector of Markov chain functions *AAP* **36** (2004) 1198–1211
- Recursive filters for partially observable finite Markov chains *JAP* **42** (2005) 684–697
- *see* GRAVEREAUX, J.-B.
- LEE, E. Y. *see* LIM, K. E.
- LEE, S. *see* BAI, Z. D.
- LEFEBVRE, M. First passage problems for asymmetric Wiener processes *JAP* **43** (2006) 175–184
- LEFÈVRE, C. AND PICARD, P. Nonstationarity and randomization in the Reed–Frost epidemic model *JAP* **42** (2005) 950–963
- LEIPUS, R., PAULASKAS, V. AND SURGAILIS, D. On a random coefficient AR(1) process with heavy-tailed renewal switching coefficient and heavy-tailed noise *JAP* **43** (2006) 421–440
- LELARGE, M. Fluid limit of generalized Jackson queueing networks with stationary and ergodic arrivals and service times *JAP* **42** (2005) 491–512
- *see* BACCELLI, F.
- LEÓN, J. R. *see* AZAIS, J.-M.
- LEONENKO, N. N. *see* BARNDORFF-NIELSEN, O. E., HEYDE, C. C. and KELBERT, M. Y.
- LEORATO, S. AND ORSINGER, E. Bose–Einstein-type statistics, order statistics and planar random motions with three directions *AAP* **36** (2004) 937–970
- LEPÉLTIER, J.-P. AND SAN MARTÍN, J. Backward SDEs with two barriers and continuous coefficient: an existence result *JAP* **41** (2004) 162–175

- , MATOUSSI, A. AND XU, M. Reflected backward stochastic differential equations under monotonicity and general increasing growth conditions *AAP* **37** (2005) 134–159
- LESKELÄ, L. Stabilization of an overloaded queueing network using measurement-based admission control *JAP* **43** (2006) 231–244
- LETAC, G. *see* JOFFE, A.
- LEVIKSON, B. *see* BARRON, Y.
- LEVIN, D. A. *see* ETHIER, S. N.
- LEVY, H. *see* AVI-ITZHAK, B.
- LI, H. *see* CAI, J.
- LI, J. *see* CHEN, A.
- LI, Q.-L. AND ZHAO, Y. Q. Heavy-tailed asymptotics of stationary probability vectors of Markov chains of GI/G/1 type *AAP* **37** (2005) 482–509
- , — Light-tailed asymptotics of stationary probability vectors of Markov chains of GI/G/1 type *AAP* **37** (2005) 1075–1093
- LI, S. AND GARRIDO, J. On a general class of renewal risk process: analysis of the Gerber–Shiu function *AAP* **37** (2005) 836–856
- LI, X. Some properties of ageing notions based upon the moment-generating-function order *JAP* **41** (2004) 927–934
- LI, Y. Asymptotic baseline of the hazard rate function of mixtures *JAP* **42** (2005) 892–901
- On a continuous-state population-size-dependent branching process and its extinction *JAP* **43** (2006) 195–207
- LI, Z. A limit theorem for discrete Galton–Watson branching processes with immigration *JAP* **43** (2006) 289–295
- LIM, K. E., BAEK, J. S. AND LEE, E. Y. Optimization under $P_{\lambda, \tau}^M$ policy of a finite dam with both continuous and jumpwise inputs *JAP* **42** (2005) 587–594
- LIN, D. AND MAKIS, V. Filters and parameter estimation for a partially observable system subject to random failure with continuous-range observations *AAP* **36** (2004) 1212–1230
- , — On-line parameter estimation for a failure-prone system subject to condition monitoring *JAP* **41** (2004) 211–220
- LIN, G. D. *see* HU, C.-Y.
- LIN, K. Y. AND ROSS, S. M. Optimal admission control for a single-server loss queue *JAP* **41** (2004) 535–546
- LIN, Z. *see* ZHANG, Y.
- LINDGREN, G. Slepian models for the stochastic shape of individual Lagrange sea waves *AAP* **38** (2006) 430–450
- LINDNER, A. *see* KLÜPPELBERG, C.
- LINDQVIST, B. H. *see* BEDFORD, T.
- LINDSKOG, F. *see* HULT, H.
- LINETSKY, V. On the transition densities for reflected diffusions *AAP* **37** (2005) 435–460
- The spectral representation of Bessel processes with constant drift: applications in queueing and finance *JAP* **41** (2004) 327–344
- LING, Y. AND MI, J. An optimal trade-off between content freshness and refresh cost *JAP* **41** (2004) 721–734
- LIU, J. *see* GUO, X.
- LIU, K. *see* CHEN, A.
- LIU, Y. AND HOU, Z. Several types of ergodicity for M/G/1-type Markov chains and Markov processes *JAP* **43** (2006) 141–158
- *see* HOU, Z.
- LOISEL, S. Differentiation of some functionals of risk processes, and optimal reserve allocation *JAP* **42** (2005) 379–392
- LOMSADZE, A. *see* MITROPHANOV, A. Y.
- LÓPEZ, F. J. *see* DELGADO, R. and GOUET, R.
- LORIS-TEGHEM, J. A note on the waiting time in $M^{[X]}/G/1$ queueing systems with a removable server *JAP* **41** (2004) 287–291
- LU, Z. AND JAGERS, P. A note on the asymptotic behaviour of the extinction probability in supercritical population-size-dependent branching processes with independent and identically distributed random environments *JAP* **41** (2004) 176–186
- LUMLEY, R. R. *see* GLAZEBROOK, K. D.

- LUND, R., MCCORMICK, W. P. AND XIAO, Y. Limiting properties of Poisson shot noise processes *JAP* **41** (2004) 911–918
 —, ZHAO, Y. AND KIESSLER, P. C. A monotonicity in reversible Markov chains *JAP* **43** (2006) 486–499
 —, —, — Shapes of stationary autocovariances *JAP* **43** (2006) 1186–1193
 LYNCH, C. *see* BARRY, D.
 LYNCH, J. D. *see* GLEATON, J. U.
- M**
- MA, C. Spatio-temporal variograms and covariance models *AAP* **37** (2005) 706–725
 — The use of the variogram in construction of stationary time series models .. *JAP* **41** (2004) 1093–1103
 MACCI, C. AND STABILE, G. Large deviations for risk processes with reinsurance. *JAP* **43** (2006) 713–728
 MACHADO, F. P. *see* FONTES, L. R.
 MACPHEE, I. M., ROUGIER, J. AND POLLARD, G. H. Server advantage in tennis matches *JAP* **41** (2004) 1182–1186
 MACRIS, N. *see* DOUSSE, O.
 MAGDON-ISMAIL, M., ATIYA, A. F., PRATAP, A. AND ABU-MOSTAFA, Y. S. On the maximum drawdown of a Brownian motion *JAP* **41** (2004) 147–161
 MAHMOUD, H. *see* AGUECH, R.
 MAIRESSE, J. *see* DRAIEF, M.
 MAKIS, V. *see* LIN, D.
 MALLER, R. *see* KLÜPPELBERG, C. and OMEY, E.
 MALLOWS, C. AND MELOCHE, J. Searching for searchers *JAP* **43** (2006) 899–904
 — AND SHEPP, L. B-stability *JAP* **42** (2005) 581–586
 MANDJES, M. *see* DIEKER, A. B. and KELLA, O.
 MAO, Y.-H. Eigentime identity for continuous-time ergodic Markov chains *JAP* **41** (2004) 1071–1080
 — AND ZHANG, Y.-H. Exponential ergodicity for single-birth processes *JAP* **41** (2004) 1022–1032
 MARGOLIUS, B. H. Transient solution to the time-dependent multiserver Poisson queue *JAP* **42** (2005) 766–777
 MARTIN, D. E. K. *see* ASTON, J. A. D.
 MARTÍNEZ, R. *see* GONZÁLEZ, M.
 MARTÍNEZ, S. *see* BERTOIN, J., HART, A. G. and HAUSER, R.
 MARTIN-LÖF, A. *see* LAGERÅS, A. N.
 MASSOULIÉ, L. *see* BRÉMAUD, P.
 MATHÉ, P. Numerical integration using V -uniformly ergodic Markov chains *JAP* **41** (2004) 1104–1112
 MATIS, T. I. AND FELDMAN, R. M. Correction *JAP* **42** (2005) 302
 MATOUSSI, A. *see* LEPÉLTIER, J.-P.
 MATZINGER, H. *see* HAUSER, R.
 MAYSTER, P. Alternating branching processes *JAP* **42** (2005) 1095–1108
 MAZALOV, V. V. AND TAMAKI, M. An explicit formula for the optimal gain in the full-information problem of owning a relatively best object *JAP* **43** (2006) 87–101
 MAZUMDAR, R. R. *see* DUBE, P. and PIERA, F. J.
 MCCORMICK, W. P. *see* LUND, R.
 MCCULLAGH, P. AND MØLLER, J. The permanent process *AAP* (SGSA) **38** (2006) 873–888
 MCVINISH, R. *see* ANGULO, J. M.
 MEERSCHAERT, M. M. AND SCHEFFLER, H.-P. Limit theorems for continuous-time random walks with infinite mean waiting times *JAP* **41** (2004) 623–638
 — *see* BECKER-KERN, P. and KOZUBOWSKI, T. J.
 MEESTER, R. AND TRAPMAN, P. Estimation in branching processes with restricted observations *AAP* **38** (2006) 1098–1115
 — *see* DEIJFEN, M., DOUSSE, O., FRANCESCHETTI, M. and GILLET, A.
 MELOCHE, J. *see* MALLOWS, C.
 MERCADIER, C. Numerical bounds for the distributions of the maxima of one- and two-parameter Gaussian processes *AAP* **38** (2006) 149–170
 METCALFE, A. P. *see* DUFFY, K.
 MI, J. *see* LING, Y.
 MICHAILIDIS, G. *see* BAMBOS, N.
 MILNE, R. K. *see* BALL, F.
 MINAMI, N. On the number of vertices with a given degree in a Galton–Watson tree *AAP* **37** (2005) 229–264
 MITROPHANOV, A. Y. Note on Zeifman’s bounds on the rate of convergence for birth–death processes *JAP* **41** (2004) 593–596

- Sensitivity and convergence of uniformly ergodic Markov chains *JAP* **42** (2005) 1003–1014
- The spectral gap and perturbation bounds for reversible continuous-time Markov chains *JAP* **41** (2004) 1219–1222
- , LOMSADZE, A. AND BORODOVSKY, M. Sensitivity of hidden Markov models *JAP* **42** (2005) 632–642
- MIXON, D. G. *see* KHAROUFEH, J. P.
- MIYAZAWA, M. AND ZHAO, Y. Q. The stationary tail asymptotics in the GI/G/1-type queue with countably many background states *AAP* **36** (2004) 1231–1251
- *see* SAKUMA, Y.
- MIYOSHI, N. On the subexponential properties in stationary single-server queues: a Palm-martingale approach *AAP* **36** (2004) 872–892
- MIZUNO, T. A relation between positive dependence of signal and the variability of conditional expectation given signal *JAP* **43** (2006) 1181–1185
- MÖHLE, M. Convergence results for compound Poisson distributions and applications to the standard Luria–Delbrück distribution *JAP* **42** (2005) 620–631
- On the number of segregating sites for populations with large family sizes *AAP* **38** (2006) 750–767
- The time back to the most recent common ancestor in exchangeable population models *AAP* **36** (2004) 78–97
- MOLCHANOV, I., SHCHERBAKOV, V. AND ZUYEV, S. Critical growth of a semi-linear process *JAP* **41** (2004) 355–367
- MOLER, J. *see* HIGUERAS, I.
- MOLINA, M. *see* GONZÁLEZ, M.
- MØLLER, J. AND RASMUSSEN, J. G. Perfect simulation of Hawkes processes *AAP (SGSA)* **37** (2005) 629–646
- AND TORRISI, G. L. Generalised shot noise Cox processes *AAP (SGSA)* **37** (2005) 48–74
- *see* MCCULLAGH, P.
- MOMČILOVIĆ, P. *see* GAMARNIK, D.
- MONTES-DE-OCA, R. *see* CAVAZOS-CADENA, R.
- MORAIS, M. C. AND PACHECO, A. A note of the ageing character of the run length of Markov-type quality-control schemes *JAP* **41** (2004) 1243–1247
- MORATO, L. M. AND SIRI, P. Addendum to ‘A stochastic algorithm to compute optimal probabilities in the chaos game’: a new convergence criterion *AAP* **36** (2004) 318–323
- MORRISON, J. A. An urn model arising from all-optical networks *JAP* **43** (2006) 952–966
- MÖRTERS, P. AND SHIEH, N.-R. On the multifractal spectrum of the branching measure on a Galton–Watson tree *JAP* **41** (2004) 1223–1229
- MOTA, M. *see* GONZÁLEZ, M.
- MOTYER, A. J. AND TAYLOR, P. G. Decay rates for quasi-birth-and-death processes with countably many phases and tridiagonal block generators *AAP* **38** (2006) 522–544
- MOUNTFORD, T. AND SCHINAZI, R. B. A note on branching random walks on finite sets *JAP* **42** (2005) 287–294
- MUCHE, L. The Poisson–Voronoi tessellation: relationships for edges *AAP (SGSA)* **37** (2005) 279–296
- MÜLLER, A. *see* COLANGELO, A.
- N**
- NAGAIEV, A. V. *see* DAVYDOV, Y.
- NAGARAJA, H. N. *see* BARLEVY, G.
- NAGEL, W. AND WEISS, V. Crack STIT tessellations: characterization of the stationary random tessellations stable with respect to iteration *AAP (SGSA)* **37** (2005) 859–883
- NAKATSUKA, T. The untraceable events method for absorbing processes *JAP* **43** (2006) 652–664
- NAVARRO, J. AND SHAKED, M. Hazard rate ordering of order statistics and systems *JAP* **43** (2006) 391–408
- NEAL, P. Compound Poisson limits for household epidemics *JAP* **42** (2005) 334–345
- Stochastic and deterministic analysis of SIS household epidemics *AAP* **38** (2006) 943–968
- NEUTS, M. F. AND ALFA, A. S. Pair formation in a Markovian arrival process with two event labels *JAP* **41** (2004) 1124–1137
- NG, K. W. AND TANG, Q. Asymptotic behaviour of tail and local probabilities for sums of subexponential random variables *JAP* **41** (2004) 108–116
- , —, YAN, J.-A. AND YANG, H. Precise large deviations for sums of random variables with consistently varying tails *JAP* **41** (2004) 93–107
- *see* CHEN, Y., GELUK, J. AND YUEN, K. C.
- NIESE, B. A martingale characterization of Pólya–Lundberg processes *JAP* **43** (2006) 741–754
- NIMITKIATKLAI, K. *see* KIESSLER, P. C.

- NORBERG, R. AND STEFFENSEN, M. What is the time value of a stream of investments? *JAP* **42** (2005) 861–866
- NORROS, I. AND REITTU, H. On a conditionally Poissonian graph process *AAP (SGSA)* **38** (2006) 59–75
- NOVIKOV, A. *see* BOROVKOV, K.
- NÚÑEZ-QUEIJA, R. *see* ALTMAN, E.
- NUYENS, M. *see* KOOLE, G.
- NYRHINEN, H. Power estimates for ruin probabilities *AAP* **37** (2005) 726–742
- O**
- O’CONNELL, N. *see* DRAIEF, M.
- OMEY, E., MALLOR, F. AND SANTOS, J. Multivariate subexponential distributions and random sums of random vectors *AAP* **38** (2006) 1028–1046
- ORAICHI, D. *see* DOUKHAN, P.
- ÖRMECI, E. L. AND BURNETAS, A. Dynamic admission control for loss systems with batch arrivals *AAP* **37** (2005) 915–937
- ORSINGHER, E. *see* KOLESNIK, A. D. and LEORATO, S.
- ORTEGA, J. *see* AZAIS, J.-M.
- OTT, T. J. Rate of convergence for the ‘square root formula’ in the Internet transmission control protocol *AAP* **38** (2006) 1132–1154
- P**
- PACHECO, A. *see* FERREIRA, F. and MORAIS, M. C.
- PAGANONI, A. M. AND SECCHI, P. Interacting reinforced-urn systems *AAP* **36** (2004) 791–804
- PAKES, A. G. Convolution equivalence and infinite divisibility *JAP* **41** (2004) 407–424
— *see* BALAKRISHNAN, N. and MØLLER, J.
- PALMOWSKI, Z. AND ROLSKI, T. On the exact asymptotics of the busy period in GI/G/1 queues *AAP* **38** (2006) 792–803
— *see* AYHAN, H.
- PANARETOS, V. M. The diffusion of Radon shape *AAP (SGSA)* **38** (2006) 320–335
- PANTLE, U., SCHMIDT, V. AND SPODAREV, E. Central limit theorems for functionals of stationary germ–grain models *AAP (SGSA)* **38** (2006) 76–94
- PAP, G. *see* ISPÁNY, M.
- PAPAVASILIOU, A. A uniformly convergent adaptive particle filter *JAP* **42** (2005) 1053–1068
- PAROISSIN, C. *see* BARRERA, J.
- PAULASKAS, V. *see* LEIPUS, R.
- PEKÖZ, E. A compound Poisson approximation inequality *JAP* **43** (2006) 282–288
— *see* ZIYA, S.
- PENROSE, M. D. AND WADE, A. R. On the total length of the random minimal directed spanning tree *AAP (SGSA)* **38** (2006) 336–372
—, — Random minimal directed spanning trees and Dickman-type distributions *AAP (SGSA)* **36** (2004) 691–714
— *see* BAI, Z. D.
- PEREIRA, L. AND FERREIRA, H. Limiting crossing probabilities of random fields .. *JAP* **43** (2006) 884–891
- PERMAN, M. *see* HUZAK, M.
- PERRIN, O. *see* GENTON, M. G.
- PERRY, D., STADJE, W. AND ZACKS, S. The first rendezvous time of Brownian motion and compound Poisson-type processes *JAP* **41** (2004) 1059–1070
— *see* BOXMA, O.
- PESTANA, D. *see* GOMES, M. I.
- PETIT, F. *see* FUJITA, T.
- PIAU, D. Harmonic moments of inhomogeneous branching processes *AAP* **38** (2006) 465–486
- PICARD, P. *see* LEFÈVRE, C.
- PIERA, F. J., MAZUMDAR, R. R. AND GUILLEMIN, F. On product-form stationary distributions for reflected diffusions with jumps in the positive orthant *AAP* **37** (2005) 212–228
- PINCHON, D. *see* GUILLEMIN, F.
- PISTORIUS, M. On maxima and ladder processes for a dense class of Lévy process *JAP* **43** (2006) 208–220
— *see* BRONSTEIN, A. L.
- PLATEN, E. A class of complete benchmark models with intensity-based jumps .. *JAP* **41** (2004) 19–34
- PLO, F. *see* HIGUERAS, I.
- PODGÓRSKI, K. *see* KOZUBOWSKI, T. J.

- POLLARD, G. H. *see* MACPHEE, I. M.
- POLLETT, P. *see* CAIRNS, B., CHEN, A. *and* GRAY, B.
- PONTIGGIA, L. Two-person red-and-black with bet-dependent win probabilities . . . *AAP* **37** (2005) 75–89
- POPOVIC, L. *see* ALDOUS, D.
- POZDNYAKOV, V. *see* GLAZ, J.
- PRATAP, A. *see* MAGDON-ISMAIL, M.
- PREATER, J. On-line selection of an acceptable pair *JAP* **43** (2006) 729–740
- PUHALSKII, A. A. *AND* REIMAN, M. I. Correction *AAP* **36** (2004) 971
- Q**
- QIAN, M. *see* GE, H.
- R**
- RABEHASAINA, L. Moments of a Markov modulated, irreducible network of fluid queues *JAP* **43** (2006) 510–522
- *AND* SERICOLA, B. A second-order Markov-modulated fluid queue with linear service rate *JAP* **41** (2004) 758–777
- RADOVANOVIC, A. *see* JELENKOVIĆ, P. R.
- RAHIMZADEH SANI, A. *see* BIGGINS, J. D.
- RAMASWAMI, V. *see* AHN, S.
- RASMUSSEN, J. G. *see* MØLLER, J.
- RATAJ, J. On estimation of the Euler number by projections of thin slabs *AAP (SGSA)* **36** (2004) 715–724
- REICH, M. *see* GRÜBEL, R.
- REIMAN, M. I. *see* PUHALSKII, A. A.
- REITTU, H. *see* NORROS, I.
- REITZNER, M. *see* HANSEN, J. *and* HUG, D.
- RENNOLLS, K. *see* CHEN, A.
- RENSHAW, E. *see* CHEN, A.
- RESNICK, S. *see* D'AURIA, B. *and* HEFFERNAN, J.
- REVESZ, P., ROSEN, J. *AND* SHI, Z. Large-time asymptotics for the density of a branching Wiener process *JAP* **42** (2005) 1081–1094
- RIDOLFI, A. *see* BRÉMAUD, P.
- RIEDER, U. *AND* BÄUERLE, N. Portfolio optimization with unobservable Markov-modulated drift process *JAP* **42** (2005) 362–378
- RIGHTER, R. *see* AHN, H.-S. *and* KOOLE, G.
- ROBERT, C. Y. Asymptotic probabilities of an exceedance over renewal thresholds with an application to risk theory *JAP* **42** (2005) 153–162
- ROBERT, P. *see* ANTUNES, N. *and* GUILLEMIN, F.
- RØDLAND, E. A. Exact distribution of word counts in shuffled sequences *AAP* **38** (2006) 116–133
- Correction *AAP* **38** (2006) 580
- RODRÍGUEZ-CASAL, A. *see* CUEVAS, A.
- ROGERS, L. C. G. *AND* SHEPP, L. The correlation of the maxima of correlated Brownian motions *JAP* **43** (2006) 880–883
- ROLSKI, T. *see* PALMOWSKI, Z.
- ROSEN, J. *see* REVESZ, P.
- ROSS, S. M., SHANTHIKUMAR, J. G. *AND* ZHU, Z. On increasing-failure-rate random variables *JAP* **42** (2005) 797–809
- *see* ADLER, I. *and* LIN, K. Y.
- ROTHBLUM, U. G. *see* AVI-ITZHAK, B.
- ROUAULT, A. *see* BARRIEU, P.
- ROUEFF, F. *see* BORDENAVE, C.
- ROUGIER, J. *see* MACPHEE, I. M.
- ROY, R. *see* ATHREYA, S. *and* BHATT, A. G.
- RUIZ-HERNANDEZ, D. *see* GLAZEBROOK, K. D.
- RUIZ-MEDINA, M. D. *see* ANGULO, J. M. *and* KELBERT, M. Y.
- RÜSCHENDORF, L. Comparison of multivariate risks and positive dependence *JAP* **41** (2004) 391–406
- On stochastic recursive equations of sum and max type *JAP* **43** (2006) 687–703
- RUZANKIN, P. S. On the rate of Poisson process approximation to a Bernoulli process *JAP* **41** (2004) 271–276

S

- SAGITOV, S. *see* JAGERS, P.
- SAKUMA, Y. AND MIYAZAWA, M. On the effect of finite buffer truncation in a two-node Jackson network *JAP* **42** (2005) 199–222
- SAKURAI, T. Numerical inversion for Laplace transforms of functions with discontinuities *AAP* **36** (2004) 616–642
- SAMORODNITSKY, G. Maxima of continuous-time stationary stable processes *AAP* **36** (2004) 805–823
- SAMPSON, K. Y. Structured coalescent with nonconservative migration *JAP* **43** (2006) 351–362
- SAMUEL-CAHN, E. *see* ASSAF, D.
- SAMUELS, S. M. Why do these quite different best-choice problems have the same solutions? *AAP* **36** (2004) 398–416
- SAN MARTÍN, J. *see* LEPeltier, J.-P.
- SAN MIGUEL, M. *see* HIGUERAS, I.
- SANTACROCE, M. Derivatives pricing via p -optimal martingale measures: some extreme cases *JAP* **43** (2006) 634–651
- SANTOS, J. *see* OMEY, E.
- SANZ, G. *see* DELGADO, R. and GOUET, R.
- SAPIR, L. *see* BEREND, D.
- SARKAR, A. *see* ATHREYA, S., BALISTER, P. and FONTES, L. R.
- SASS, J. *see* IRLE, A.
- SCARSINI, M. *see* COLANGELO, A.
- SCHEFFLER, H.-P. *see* BECKER-KERN, P. and MEERSCHAERT, M. M.
- SCHIEFERMAYR, K. AND WEICHBOLD, J. A complete solution for the optimal stochastic scheduling of a two-stage tandem queue with two flexible servers *JAP* **42** (2005) 778–796
- SCHINAZI, R. B. *see* MOUNTFORD, T.
- SCHLEGEL, S. *see* AYHAN, H.
- SCHMIDT, H. *see* HEINRICH, L.
- SCHMIDT, V. *see* HEINRICH, L. and PANTLE, U.
- SCHNEIDER, R. *see* HUG, D.
- SCHOENMAKERS, J. *see* BENDER, C.
- SCHREIBER, T. Random dynamics and thermodynamic limits for polygonal Markov fields in the plane *AAP (SGSA)* **37** (2005) 884–907
— *see* CALKA, P.
- SCHRÖDER, M. On ladder height densities and Laguerre series in the study of stochastic functionals. I. Basic methods and results *AAP* **38** (2006) 969–994
- SCHRÖDER, M. On ladder height densities and Laguerre series in the study of stochastic functionals. II. Exponential functionals of Brownian motion and Asian option values *AAP* **38** (2006) 995–1027
- SCHWEINSBERG, J. Improving on bold play when the gambler is restricted *JAP* **42** (2005) 321–333
- SCHWEIZER, M. *see* GRUBER, U.
- SECCHI, P. *see* PAGANONI, A. M.
- SEGERS, J. Rare events, temporal dependence, and the extremal index *JAP* **43** (2006) 463–485
- SEKINE, J. A note on long-term optimal portfolios under drawdown constraints .. *AAP* **38** (2006) 673–692
- SEMEANOVA, O. *see* DUDIN, A.
- SEMERARO, P. *see* BELZUNCE, F.
- SENETA, E. *see* FINLAY, R.
- SERFOZO, R. F. Reversible Markov processes on general spaces and spatial migration processes *AAP* **37** (2005) 801–818
— *see* KO, S.-S.
- SERICOLA, B. *see* RABEHASAINA, L.
- SERRA, M. C. On the waiting time to escape *JAP* **43** (2006) 296–302
- SHAKED, M. *see* NAVARRO, J.
- SHAKKOTTAI, S., SRIKANT, R. AND STOLYAR, A. L. Pathwise optimality of the exponential scheduling rule for wireless channels *AAP* **36** (2004) 1021–1045
- SHANTHIKUMAR, J. G. *see* ROSS, S. M.
- SHAO, X. *see* WU, W. B.
- SHCHERBAKOV, V. *see* MOLCHANOV, I.
- SHEPP, L. A. *see* CHEN, R. W., MALLOW, C. and ROGERS, L. C. G.
- SHI, Z. *see* REVESZ, P.

- SHIEH, N.-R. *see* MÖRTERS, P.
- SHIOZAWA, Y. Extinction of branching symmetric α -stable processes *JAP* **43** (2006) 1077–1090
- SHROFF, N. B. *see* EUN, D. Y.
- ŠIKIĆ, H. *see* HUZAK, M.
- SIMON, B. *see* HENDERSON, S. G.
- SIMSEK, Ö. *see* KATSIKOPOULOS, K. V.
- SINGH, H. *see* BOLAND, P. J.
- SIRI, P. *see* MORATO, L. M.
- SLADKÝ, K. *see* VAN DIJK, N. M.
- SMITH, R. L. *see* ZHANG, Z.
- SNELL, J. L. Obituary: Joseph Leonard Doob *JAP* **42** (2005) 247–256
- SOFRONOV, G., KEITH, J. M. AND KROESE, D. P. An optimal sequential procedure for a buying-selling problem with independent observations *JAP* **43** (2006) 454–462
- SOHRABY, K. *see* AKAR, N. and KIM, B.
- SOOFI, E. S. *see* ASADI, M.
- SPICER, S. AND ZIEDINS, I. User-optimal state-dependent routing in parallel tandem queues with loss *JAP* **43** (2006) 274–281
- SPIZZICHINO, F. *see* DE SANTIS, E.
- SPODAREV, E. *see* PANTLE, U.
- SPOUGE, J. L. Path reversal, islands, and the gapped alignment of random sequences *JAP* **41** (2004) 975–983
- SQUILLANTE, M. S. *see* JELENKOVIĆ, P. R.
- SRIKANT, R. *see* SHAKKOTAI, S.
- SRIVASTAVA, A. AND KLASSEN, E. Bayesian and geometric subspace tracking *AAP (SGSA)* **36** (2004) 43–56
- STABILE, G. *see* MACCI, C.
- STADJE, W. AND ZACKS, S. Telegraph processes with random velocities *JAP* **41** (2004) 665–678
— *see* BOXMA, O., KELLA, O. and PERRY, D.
- STANKE, M. Sequential selection of random vectors under a sum constraint *JAP* **41** (2004) 131–146
- STEELE, J. M. *see* GLAZ, J.
- STEFANOV, V. Distribution of the amount of genetic material from a chromosomal segment surviving to the following generation *JAP* **41** (2004) 345–354
— Correction *JAP* **41** (2004) 1248–1249
— Exact distributions for reward functions on semi-Markov and Markov additive processes *JAP* **43** (2006) 1053–1065
- STEFFENSEN, M. *see* NORBERG, R.
- STEICHEN, J. L. *see* KNIGHT, F. B.
- STEPANOV, A. V. *see* BALAKRISHNAN, N.
- STIRZAKER, D. Three-handed gambler's ruin *AAP* **38** (2006) 284–286
- STOEV, S. AND TAQQU, M. S. Stochastic properties of the linear multifractional stable motion *AAP* **36** (2004) 1085–1115
- STOLYAR, A. L. *see* SHAKKOTAI, S.
- STOYANOV, J. AND AL-SADI, M. H. M. Properties of classes of life distribution based on the conditional variance *JAP* **41** (2004) 953–960
- SUBBA RAO, S. On some nonstationary, nonlinear random processes and their stationary approximations *AAP* **38** (2006) 1155–1172
- SUDBURY, A. Rigorous lower bounds for extinction probabilities of the contact process *JAP* **42** (2005) 902–904
— The annihilating process on random trees and the square lattice *JAP* **41** (2004) 816–831
- SURGAILIS, D. *see* LEIPUS, R.
- SUZUKI, Y. *see* KAWAZU, K.
- SWAN, Y. C. AND BRUSS, F. T. A matrix-analytic approach to the N -player ruin problem *JAP* **43** (2006) 755–766
- SZEKLI, R. *see* DADUNA, H.

T

- TAKAGI, H. *see* WU, D.-A.
- TAKEMURA, A. *see* KOBAYASHI, K.
- TAKINE, T. *see* LATOUCHE, G.
- TALAY, D. *see* BOSSY, M.
- TAMAKI, M. *see* MAZALOV, V. V.

- TANG, Q. The finite-time ruin probability of the compound Poisson model with constant interest force *JAP* **42** (2005) 608–619
- AND TSITSIASHVILI, G. Finite- and infinite-time ruin probabilities in the presence of stochastic return on investments *AAP* **36** (2004) 1278–1299
- see CAI, J., CHEN, Y. and NG, K. W.
- TAQQU, M. S. see STOEY, S.
- TARDELLI, P. see GERARDI, A.
- TAYLOR, P. G. see MOTYER, A. J.
- TEUGELS, J. L. see ALBRECHER, H.
- THIRAN, P. see DOUSSE, O.
- TORRISI, G. L. see GANESH, A. and MØLLER, J.
- TOVEY, C. A. see ARIAS-CASTRO, E.
- TRAPMAN, P. see MEESTER, R.
- TSITSIASHVILI, G. see TANG, Q.
- TURKMAN, K. F. A note on the extremal index for space–time processes *JAP* **43** (2006) 114–126
- TYSK, J. see EKSTRÖM, E.
- V**
- VAN DER HOFSTAD, R. AND KLOK, M. J. Improving the performance of third-generation wireless communication systems *AAP* **36** (2004) 1046–1084
- VAN DER WAL, P. see GILLET, A.
- VAN DIJK, N. M. AND SLADKÝ, K. On the total reward variance for continuous-time Markov reward chains *JAP* **43** (2006) 1044–1052
- VAN DOORN, E. A. AND ZEIFMAN, A. I. Extinction probability in a birth–death process with killing *JAP* **42** (2005) 185–198
- VAN LIESHOUT, M. N. M. Maximum likelihood estimation for random sequential adsorption *AAP (SGSA)* **38** (2006) 889–898
- VAN ZUIJLEN, M. C. A. see ISPÁNY, M.
- VANNIASEGARAM, S. Le Her with s suits and d denominations *JAP* **43** (2006) 1–15
- VASILEIOU, A. AND VASSILIOU, P.-C. G. An inhomogeneous semi-Markov model for the term structure of credit risk spreads *AAP* **38** (2006) 171–198
- VASSILIOU, P.-C. G. see VASILEIOU, A.
- VATUTIN, V. A. see BOROVKOV, K.
- VEČEŘ, J. AND XU, M. The mean comparison theorem cannot be extended to the Poisson case *JAP* **41** (2004) 1199–1202
- VELLAISAMY, P. Poisson approximation for (k_1, k_2) -events via the Stein–Chen method *JAP* **41** (2004) 1081–1092
- VERE-JONES, D. A class of self-similar random measures *AAP (SGSA)* **37** (2005) 908–914
- VIDELA, L. see HART, A. G.
- VLASIOU, M., ADAN, I. J. B. F. AND WESSELS, J. A Lindley-type equation arising from a carousel problem *JAP* **41** (2004) 1171–1181
- VOLKOV, S. see COTAR, C.
- VONDRAČEK, Z. see HUZAK, M.
- W**
- WADE, A. R. see PENROSE, M. D.
- WALRAND, J. see DIMAKIS, A.
- WALTERS, M. see BALISTER, P.
- WAN, Y.-W. AND WOLFF, R. W. On the time spent below a random threshold by a system driven by a general counting process *JAP* **43** (2006) 599–601
- WANG, H.-B. AND WEI, B.-C. Separable lower triangular bilinear model *JAP* **41** (2004) 221–235
- WANG, K. see WANG, Y.
- WANG, Y. AND WANG, K. Asymptotics of the density of the supremum of a random walk with heavy-tailed increments *JAP* **43** (2006) 874–879
- , CHENG, D. AND WANG, K. The closure of local subexponential distribution class under convolution roots, with applications to the compound Poisson process *JAP* **42** (2005) 1194–1203
- see XING, Y.
- WARREN, J. see JACKA, S.
- WEI, B.-C. see WANG, H.-B.

- WEI, C.-Z. *see* CHEN, M.-R.
 WEICHBOLD, J. *see* SCHIEFERMAYR, K.
 WEISS, G. Jackson networks with unlimited supply of work *JAP* **42** (2005) 879–882
 WEISS, V. *see* NAGEL, W.
 WENG, C. *see* ZHANG, Y.
 WESSELS, J. *see* VLASIOU, M.
 WHITTLE, P. Tax problems in the undiscounted case *JAP* **42** (2005) 754–765
 WILLMOT, G. E. AND CAI, J. On applications of residual lifetimes of compound
 geometric convolutions *JAP* **41** (2004) 802–815
 WINKEL, M. Electronic foreign-exchange markets and passage events of independent
 subordinators *JAP* **42** (2005) 138–152
 WOLFF, R. W. *see* GHAHRAMANI, S. and WAN, Y.-W.
 WONG, B. AND HEYDE, C. C. On the martingale property of stochastic exponentials *JAP* **41** (2004) 654–664
 WU, D.-A. AND TAKAGI, H. Processor-sharing and random-service queues with
 semi-Markovian arrivals *JAP* **42** (2005) 478–490
 WU, W. B. AND SHAO, X. Limit theorems for iterated random functions *JAP* **41** (2004) 425–436
- X**
 XIA, A. *see* BARBOUR, A. D.
 XIAO, Y. *see* LUND, R.
 XING, Y. AND WANG, Y. On the extinction of a class of population-size-dependent
 bisexual branching processes *JAP* **42** (2005) 175–184
 XU, M. *see* LEPELTIER, J.-P. and VEČEK, J.
 XU, S. H. *see* CHATTERJEE, K.
- Y**
 YAN, J.-A. *see* NG, K. W.
 YANG, H. *see* CAI, J. and NG, K. W.
 YANG, J.-R. AND HSIAU, S.-R. On Markov-dependent parking problems *JAP* **41** (2004) 579–586
 YAO, Y.-C. *see* CHEN, R. W.
 YIN, C. AND ZHAO, J. Nonexponential asymptotics for the solutions of renewal
 equations, with applications *JAP* **43** (2006) 815–824
 YIN, G. AND ZHANG, H. Correction *AAP* **36** (2004) 324
 YOR, M. *see* BARRIEU, P. and FUJITA, T.
 YUEN, W. K. *see* JARNER, S. F.
 YUEN, K. C., GUO, J. AND NG, K. W. On ultimate ruin in a delayed-claims risk
 model *JAP* **42** (2005) 163–174
 YUKICH, J. E. Ultra-small scale-free geometric networks *JAP* **43** (2006) 665–677
- Z**
 ZACKS, S. Generalized integrated telegraph processes and the distribution of related
 stopping times *JAP* **41** (2004) 497–507
 — *see* BOXMA, O., PERRY, D. and STADJE, W.
 ZAME, A. *see* CHEN, R. W.
 ZEEVI, A. AND GLYNN, P. W. Estimating tail decay for stationary sequences via
 extreme values *AAP* **36** (2004) 198–226
 —, — Recurrence properties of autoregressive processes with super-heavy-
 tailed innovations *JAP* **41** (2004) 639–653
 ZEIFMAN, A. I. *see* VAN DOORN, E. A.
 ZERVOS, M. *see* BRONSTEIN, A. L.
 ZHANG, C.-H. *see* CHEN, R. W.
 ZHANG, H. *see* CHEN, A., GRAY, B., HOU, Z. and YIN, G.
 ZHANG, M. A large deviation for a Brownian immigration particle system *JAP* **42** (2005) 1120–1133
 — Large deviations for super-Brownian motion with immigration *JAP* **41** (2004) 187–201
 ZHANG, R. Q. *see* AHN, H.-S.
 ZHANG, Y., LIN, Z. AND WENG, C. Some limiting properties of the bounds of the
 present value function of a life insurance portfolio *JAP* **43** (2006) 1155–1164
 ZHANG, Y.-H. *see* MAO, Y.-H.
 ZHANG, Z. AND SMITH, R. L. The behavior of multivariate maxima of moving
 maxima processes *JAP* **41** (2004) 1113–1123

- ZHANG, Z. G. *see* ZHU, Y.
 ZHAO, J. *see* YIN, C.
 ZHAO, Y. *see* LUND, R.
 ZHAO, Y. Q. *see* LI, Q.-L. *and* MIYAZAWA, M.
 ZHOU, X. Some fluctuation identities for Lévy processes with jumps of the same sign..... *JAP* **41** (2004) 1191–1198
 ZHU, Q. *see* GUO, X.
 ZHU, Y. *AND* ZHANG, Z. G. M/GI/1 queues with services of both positive and negative customers *JAP* **41** (2004) 1157–1170
 ZHU, Z. *see* ROSS, S. M.
 ZIEDINS, I. *see* SPICER, S.
 ZIEZOLD, H. *see* HUCKEMANN, S.
 ZIYA, S., AYHAN, H., FOLEY, R. D. *AND* PEKÓZ, E. A monotonicity result for a G/GI/c queue with balking or reneging *JAP* **43** (2006) 1201–1205
 ZUYEV, S. *see* MOLCHANOV, I.
 ZWART, B. *see* GUILLEMIN, F. *and* KELLA, O.