PROBABILITY in the Engineering and Informational Sciences



CONTENTS

The Move-to-Front Rule: A Case Study for Two Perfect Sampling Algorithms James Allen Fill	283
Simulating the Invariant Measures of Markov Chains Using Backward Coupling at Regeneration Times S. G. Foss, R. L. Tweedie, and J. N. Corcoran	303
A Note on the Distribution of the Time of the First k-Record Index Mitsushi Tamaki	321
Simulation of the Matching Problem of Montmort Frans Schalekamp	325
Bounds on the Mean Delay in Multiclass Queueing Networks under Shortfall-Based Priority Rules Sridhar Seshadri and Michael Pinedo	329
Markov Decision Programming for Process Control in Batch Production David D. Yao and Shaohui Zheng	351
The Maximum of a Random Walk and Its Application to Rectangle Packing E. G. Coffman, Jr., Philippe Flajolet, Leopold Flatto, and Micha Hofri	373
A Lyapunov Criterion for Invariant Probabilities with Geometric Tail Jean B. Lasserre	387
An Optimal Stopping Problem Arising from a Decision Model with Many Agents Bruno Bassan and Claudia Ceci	393
Testing for Harmonic New Better than Used in Expectation S. Rao Jammalamadaka and Eun-Soo Lee	409

Instructions for Contributors (inside back cover)