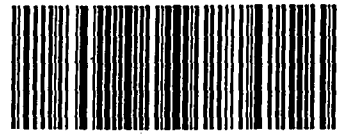


PROBABILITY in the Engineering and Informational Sciences

Volume 9 1995 Number 2



0269-9648(199504)9:2;1-K

CONTENTS

<i>Optimal Search for a Moving Target</i> I. M. MacPhee and B. P. Jordan	159
<i>Toward a Formal Derivation of the Expected Behavior of Prefix B-Trees</i> Hosam M. Mahmoud and Ratko Orlandić	183
<i>A Convexity Property of a Markov-Modulated Queueing Loss System</i> Charles Du and Michael Pinedo	193
<i>Central Limit Theorem for Time to Broadcast in Radio Networks</i> Krishnamurthi Ravishankar and Suresh Singh	201
<i>A Bound on the Rate of Convergence for the Discrete Gibbs Sampler</i> I. H. Dinwoodie	211
<i>The Increasing Failure Rate Property of Consecutive-k-out-of-n Systems</i> Lirong Cui, Alan G. Hawkes, and Assad Jalali	217
<i>Monotonicity of Positive Dependence with Time for Stationary Reversible Markov Chains</i> Taizhong Hu and Harry Joe	227
<i>A Globally Gated Polling System with a Dormant Server</i> S. C. Borst	239
<i>Waiting Time in M/G/1 Queues with Impolite Arrival Disciplines</i> Süleyman Özekici, Jingwen Li, and Fee Seng Chou	255
<i>Customer Scheduling with Incomplete Information</i> Ulrich Rieder and Jürgen Weishaupt	269
<i>Effective Bandwidths for Stationary Sources</i> Costas Courcoubetis and Richard Weber	285
<i>Finding the Conjugate of Markov Fluid Processes</i> Michel Mandjes and Ad Ridder	297
<i>A Simple Approximation for the Bivariate Normal Integral</i> Jinn-Tyan Lin	317

Instructions for Contributors (inside back cover)

ISSN 0269-9648

© 1995 Cambridge University Press

Printed in the United States of America