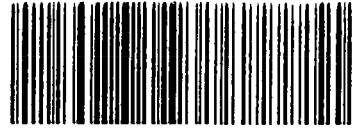


PROBABILITY
in the
Engineering
and
Informational
Sciences



0269-9648(199601)10:1;1-7

Volume 10 1996 Number 1

CONTENTS

<i>Monotone Stochastic Recursions and Their Duals</i> Søren Asmussen and Karl Sigman	1
<i>Policies without Memory for the Infinite-Armed Bernoulli Bandit under the Average-Reward Criterion</i> Stephen J. Herschkorn, Erol Peköz, and Sheldon M. Ross	21
<i>On Suboptimal Policies in Multiclass Tandem Models</i> Arie Hordijk and Ger Koole	29
<i>A Full-Information Best-Choice Problem with Allowance</i> Mitsushi Tamaki and J. George Shanthikumar	41
<i>Bicriterion Optimization of an M/G/1 Queue with a Removable Server</i> Eugene A. Feinberg and Dong J. Kim	57
<i>Some Results on Interarrival Times of Nonhomogeneous Poisson Processes</i> Subhash C. Kochar	75
<i>On Queues with Interarrival Times Proportional to Service Times</i> Israel Cidon, Roch Guérin, Asad Khamisy, and Moshe Sidi	87
<i>The Availability of Inspected Systems Subject to Random Deterioration</i> Georgia-Ann Klutke, Martin A. Wortman, and Hayriye Ayhan	109
<i>Optimal Discrete Adjustments for Short Production Runs</i> Scott A. Vander Wiel	119
<i>On a New Approach to the Solution of the Nonlinear Filtering Equation of Jump Processes</i> Kaisheng Fan	153

Instructions for Contributors (inside back cover)