PROBABILITY in the Engineering and Informational Sciences



0269-9648(199701)11:1:1-3

Volume 11

1997

Number 1

CONTENTS

Torgny Lindvall	ı
Approximating a Cumulative Distribution Function by Generalized Hyperexponential Distributions Jihong Ou, Jingwen Li, and Süleyman Özekici	11
Importance Sampling of Test Cases in Markovian Software Usage Models Walter J. Gutjahr	19
The Improved Estimation of σ in Quality Control, Revisited John E. Angus	37
When Is a Renewal Process Convexly Parameterized in Its Mean Parameterization? James D. Lynch	43
On Optimal Ammunition Usage When Hunting Fleeing Targets Masahiro Sato	49
Scheduling Jobs That Are Subject to Deterministic Due Dates and Have Deteriorating Expected Rewards Takashi Ishikida and Yat-wah Wan	65
Optimal Scheduling on Parallel Processors with Precedence Constraints and General Costs Zhen Liu and Rhonda Righter	79
Scheduling Two-Point Stochastic Jobs to Minimize the Makespan on Two Parallel Machines Sem Borst, John Bruno, E. G. Coffman, Jr., and Steven Phillips	95
Stochastic Inventory Models with Limited Production Capacity and Periodically Varying Parameters Yossi Aviv and Awi Federgruen	107

Instructions for Contributors (inside back cover)

ISSN 0269-9648 ©1997 Cambridge University Press Printed in the United States of America