

THE ANNALS  
*of*  
 APPLIED  
 PROBABILITY

*AN OFFICIAL JOURNAL OF THE*  
 INSTITUTE OF MATHEMATICAL STATISTICS

**Articles**

On ergodic two-armed bandits .....	PIERRE TARRÈS AND PIERRE VANDEKERKHOVE	457
Asymptotic approximations for stationary distributions of many-server queues with abandonment .....	WEINING KANG AND KAVITA RAMANAN	477
Cover levels and random interlacements .....	DAVID BELIUS	522
Large graph limit for an SIR process in random network with heterogeneous connectivity LAURENT DECREUSEFOND, JEAN-STÉPHANE DHERSIN, PASCAL MOYAL AND VIET CHI TRAN		541
Padé approximants and exact two-locus sampling distributions PAUL A. JENKINS AND YUN S. SONG		576
Downside risk minimization via a large deviations approach .....	HIDEO NAGAI	608
On the role of Allee effect and mass migration in survival and extinction of a species DAVIDE BORRELLO		670
Limit theorems for a random directed slab graph D. DENISOV, S. FOSS AND T. KONSTANTOPOULOS		702
Controlled stochastic networks in heavy traffic: Convergence of value functions AMARJIT BUDHIRAJA AND ARKA P. GHOSH		734
A scaling analysis of a cat and mouse Markov chain NELLY LITVAK AND PHILIPPE ROBERT		792
Stochastic model for cell polarity .....	ANKIT GUPTA	827
The Axelrod model for the dissemination of culture revisited .....	NICOLAS LANCHIER	860