The Annals of Probability January 1994

No. 1

Articles

Vol. 22

Stable limits for associated random variables
ANDRÉ ROBERT DABROWSKI AND ADAM JAKUBOWSKI Large deviations, moderate deviations and LIL for empirical processesM. Talagrand Sharper bounds for Gaussian and empirical processes
The asymptotic distribution of intermediate sums .Sándor Csórgő and David M. Mason Survival asymptotics for Brownian motion in a Poisson field
of decaying traps
Stationary processes indexed by a homogeneous tree Jean-Pierre Arnaud Markov chains indexed by trees
Algebraic L^2 decay of attractive critical processes on the lattice
JEAN-DOMINIQUE DEUSCHEL Disagreement percolation in the study of Markov fieldsJ. VAN DEN BERG AND C. MAES Exponential waiting time for a big gap in a one-dimensional zero-range process
P.A. Ferrari and L. R. G. Fontes Particle systems and reaction—diffusion equations R. Durrett and C. Neuhauser Spatial patterns when phases separate in an interacting particle system A. De Masi, A. Pellegrinotti, E. Presutti and M. E. Vares Asymptotics of exit times for Markov jump processes I. Iscoe and D. McDonald Dynamics of the McKean—Vlasov equation

The Annals of Applied Probability February 1994

No. 1

Vol. 4

Articles		
The trouble with diversity: Fork—Join networks with heterogeneous customer		
population Viên Nguyen		
On the convergence of multiclass queueing networks in heavy traffic		
J. G. Dai and Viên Nguyen		
Optimization of multiclass queueing networks: Polyhedral and nonlinear characteriza-		
tions of achievable performance		
DIMITRIS BERTSIMAS, IOANNIS CH. PASCHALIDIS AND JOHN N. TSITSIKLIS		
Greedy lattice animals II: Linear Growth Alberto Gandolfi and Harry Kesten		
Linear extensions of a random partial order		
Noga Alon, Bela Bollobás, Graham Brightwell and Svante Janson		
Stability of generalized Jackson networks S. P. MEYN AND D. DOWN		
State-dependent criteria for convergence of Markov chains		
SEAN P. MEYN AND R. L. TWEEDIE		
Regular variation in the tail behaviour of solutions of random difference equations		
D. R. Grey		
General branching processes in varying environment		
HARRY COHN AND PETER JAGERS		
A short proof of the Gittins index theorem John N. Tsitsiklis		
A phase transition for the score in matching random sequences allowing deletions		
RICHARD ARRATIA AND MICHAEL S. WATERMAN		
A problem of singular stochastic control with discretionary stopping		
M. H. A. DAVIS AND M. ZERVOS		
On the relationship between fractal dimension and fractal index for stationary		
stochastic processes. Peter Hall Roy		

contents (continued)

Sufficiency and Completeness

Minimal sufficiency and completeness for dichotomous quantal	
response models MICHAEL A. MESSIG AND WILLIAM E. STRAWDERMAN	2149
Some incomplete but boundedly complete location families L. MATTNER	2158
A note on Bahadur's transitivity	2163
Correction	
Proper action in steps, with application to density ratios	
of maximal invariants	2168