

# THE ANNALS *of* PROBABILITY

AN OFFICIAL JOURNAL OF  
THE INSTITUTE OF MATHEMATICAL STATISTICS

## Articles

Tailfree and neutral random probabilities and their posterior distributions.....	KJELL DOKSUM	183
On the functional form of the law of the iterated logarithm for the partial maxima of independent identically distributed random variables.....	MICHAEL J. WICHURA	202
Limiting behavior of maxima in stationary Gaussian sequences.....	YASH MITTAL	231
On stability for optimization problems.....	LESTER E. DUBINS AND ISAAC MEILIJSON	243
The Poisson approximation for dependent events.....	DAVID FREEDMAN	256
Density versions of the univariate central limit theorem.....	SUJIT K. BASU	270
On the moments and limit distributions of some first passage times.....	ALLAN GUT	277
Optimal stopping variables for stochastic processes with independent increments.....	LEROY H. WALKER	309

## Short Communications

Optimal stopping variables for Brownian motion.....	LEROY H. WALKER	317
On convergence in $r$ -mean of some first passage times and randomly indexed partial sums.....	ALLAN GUT	321
A remark on the strong law.....	DAVID FREEDMAN	324
An iterated logarithm result for autocorrelation of a stationary linear process.....	C. C. HEYDE	328
The Rosenblatt mixing condition and Bernoulli shifts.....	N. F. G. MARTIN	333
Functionals of critical multitype branching processes.....	K. ATHREYA AND P. NEY	339
Almost sure convergence of branching processes in varying and random environments.....	TORNGY LINDVALL	344
A simple proof of a known result in random walk theory.....	AUSTIN J. LEMOINE	347
Results on probabilities of moderate deviations.....	R. MICHEL	349

---

Vol. 2, No. 2—April 1974