

THE ANNALS *of* PROBABILITY

AN OFFICIAL JOURNAL OF
THE INSTITUTE OF MATHEMATICAL STATISTICS

Special Invited Papers

- Geometry of differential space..... H. P. MCKEAN 197
 Une theorie de la dualité à ensemble polaire près. I
 M. A. GARCIA ALVAREZ AND P. A. MEYER 207

Articles

- On Markov processes with random starting time..... TALMA LEVIATAN 223
 A continuum of collision process limit theorems..... RICHARD GISSELQUIST 231
 An infinite particle system with zero range interactions..... THOMAS M. LIGGETT 240
 On convergence in probability to Brownian motion..... RICHARD DROGIN 254
 A linear extension of the martingale theorem..... JAMES B. MACQUEEN 263
 Some Strassen-type laws of the iterated logarithm for multiparameter stochastic processes with independent increments
 MICHAEL J. WICHURA 272
 Bounds on distribution functions in terms of expectations of order-statistics..... C. L. MALLOWS 297
 Some zero-one laws for Gaussian processes
 STAMATIS CAMBANIS AND BALRAM S. RAJPUT 304

Short Communications

- Which functions of stopping times are stopping times?..... LESTER E. DUBINS 313
 Asymptotics of randomly stopped sequences with independent increments..... PRISCILLA GREENWOOD 317
 Maximal inequalities and the law of the iterated logarithm..... WILLIAM F. STOUT 322
 Strongly ergodic behavior for non-stationary Markov processes
 RICHARD W. MADSEN AND DEAN L. ISAACSON 329
 A note on random measures and moving averages on non-discrete groups..... JULIUS BLUM AND BENNETT EISENBERG 336
 On the integrability of the supremum of ergodic ratios..... YVES DERRIENNIC 338
 A note on continuous parameter zero-two law..... WILLIAM WINKLER 341
 Subgroups of paths and reproducing kernels..... RAOUL LE PAGE 345

Continued on back cover

Vol 1, No. 2--April 1973