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Probability in Banach Spaces V

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held in Medford, USA, July 16–27, 1984

Edited by A. Beck, R. Dudley,
M. Hahn, J. Kuelbs and M. Marcus



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Editors

Anatole Beck
Department of Mathematics, University of Wisconsin
Madison, WI 53706, USA

Richard Dudley
Department of Mathematics, Massachusetts Institute of Technology
Cambridge, MA 02139, USA

Marjorie Hahn
Department of Mathematics, Tufts University
Medford, MA 02155, USA

James Kuelbs
Department of Mathematics, University of Wisconsin
Madison, WI 53706, USA

Michael Marcus
Department of Mathematics, Texas A&M University
College Station, TX 77843, USA

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Introduction

The first international conference on Probability in Banach Spaces was held at Oberwolfach, West Germany in 1975. It brought together European researchers who, under the inspiration of the Schwartz seminar in Paris, were using probabilistic methods in the study of the geometry of Banach spaces, a rather small number of probabilists who were already studying classical limit laws on Banach spaces and a larger number of probabilists, specialists in various aspects of the study of Gaussian processes, whose results and techniques were of interest to the members of the first two groups. This first conference was very fruitful. It fostered a continuing relationship amongst fifty to seventy-five probabilists and analysts working on probability on infinite-dimensional spaces, the geometry of Banach spaces and the use of random methods in harmonic analysis. Three more international conferences were held, two at Oberwolfach in 1978 and 1982 and one at Tufts University in 1980. This volume contains a selection of papers by the participants of the Fifth International Conference held at Medford, Massachusetts, July 16-27, 1984. This exciting and provocative conference was attended by eighty mathematicians, thirty of whom were from outside the United States. These papers demonstrate the range of interests of the conference participants. The distinction between probabilists and analysts has diminished during the ten years since the first conference. During the same time a number of workers have been considering problems in statistics. It is this interaction between probabilists, statisticians, functional analysts and harmonic analysts which enriches and propels this field. Arrangements have already been made to hold the sixth and seventh international conferences in 1986 and 1988. We look forward with great enthusiasm to further developments in this field.

The Editors.

Table of Contents

de Acosta, A., On large deviations of sums of independent random vectors.	1
Alexander, K. S., The nonexistence of a universal multiplier moment for the central limit theorem.	15
Austin, D., A. Bellow and N. Bouzar. The Fatou inequality revisited. Variations on a theme by A. Dvoretzky.	17
Berman, S. M., Limit theorems for sojourns of stochastic processes.	40
Borell, C., Intrinsic bounds on some real-valued stationary random functions.	72
Bourgain, J., Subspaces of L_N^∞ , arithmetical diameter of Sidon sets.	96
Czado, C. and M. S. Taqqu, Reproducing kernel Hilbert space for some non-Gaussian processes.	128
Dudley, R., An extended Wichura theorem, definitions of Donsker class, and weighted empirical distributions.	141
Fernique, X., Comparaison de mesures gaussiennes et de mesures produit dans les espaces de Fréchet séparables.	179
Frangos, N. E. and L. Sucheston, On the convergence and demiconvergence of block martingales and submartingales.	198
Giné, E. and M. G. Hahn, M-infinitely divisible random compact convex sets.	226
Heinkel, B., On Brunk's law of large numbers in some type 2 spaces.	249
Hoffmann-Jørgensen, J., Necessary and sufficient condition for the uniform law of large numbers.	258
Jain, N., An introduction to large deviations.	273
Jurek, Z. J., Random integral representation for another class of limit laws.	297
Klass, M. and J. Kuelbs, The law of the iterated logarithm in the \mathcal{L}^p spaces.	310
LePage, R. and B. Schreiber, A square root law for diffusing particles.	323
Marcus, M. B. and G. Pisier, Stochastic processes with sample paths in exponential Orlicz spaces.	329
McConnell, T. R., A Skorohod-like representation in infinite dimensions.	359
Rosinski, T. and W. A. Woyczynski, Moment inequalities for real and vector p-stable stochastic integrals.	369

Samur, J. D., A note on the convergence to Gaussian laws of sums of stationary ϕ -mixing triangular arrays.	387
Vatan, P., Max-infinite divisibility and max-stability in infinite dimensions.	400
Weiner, D. C., A maximal law of the iterated logarithm for operator-normalized stochastically compact partial sums of i.i.d random vectors.	426
Weron, A. and K. Weron, Stable measures and processes in statistical physics.	440
Zinn, J., Comparison of martingale difference sequences.	453