Stochastic Analysis: Random Fields and Measure-Valued Processes

Jean-Pierre Fouque
Kenneth J. Hochberg
Ely Merzbach
Editors

Published under the auspices of:
The Gelbart Research Institute for Mathematical Sciences
and
The Emmy Noether Research Institute of Mathematics
Bar-Ilan University
PREFACE

This volume contains papers on probability theory and stochastic analysis resulting from two international conferences held at the Department of Mathematics of Bar-Ilan University under the auspices of the Gelbart Research Institute for the Mathematical Sciences.

The first, a Binational France-Israel Symposium on the Brownian Sheet took place in September 1993 with the support of the C.N.R.S. of France and the Israel Ministry of Science and Technology. It was attended by participants from the U.S., Israel, France, Germany, Portugal, and Spain.

The second, on Measure-Valued Branching and Superprocesses, was held in May 1995 and was attended by participants from the U.S., Israel, Canada, Mexico, France, Germany, Portugal, and Scotland.

The papers appearing in this volume include both expository and advanced research presentations. We feel that they present an accurate reflection of the nature, scope, and vibrancy of these conferences on stochastic analysis.

Jean-Pierre Fouque
Kenneth J. Hochberg
Ely Merzbach