QUANTUM PROBABILITY

Editors of the Volume

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PREFACE

This volume collects the contributions presented at the Workshop on Quantum Probability held in Gdańsk, Poland, between 1 and 6 July 1997. All papers were subjected to the refereeing procedure.

The workshop organized in Gdańsk was one of the successive meetings devoted to Quantum Probability. Such meetings have been organized since the early seventies with the purpose to allow intensive communications between mathematicians and physicists working in different fields including classical probability, quantum mechanics and field theory, statistical physics, quantum measurement theory, noncommutative probability, ergodic theory and noncommutative geometry. There were about 30 participants from Poland and 40 from abroad.

The conference was held under the auspices of Stefan Banach International Mathematical Center, Gdańsk University, Vito Volterra Center and Wrocław University. The conference would not have been possible without the Grant of Polish National Committee for Scientific Research (KBN). It was also sponsored by Baltima Trading, Bank Gdański, Batory Foundation, Lever Polska, Łódź University, Nokia, Pretor, Wielkopolski Bank Kredytowy, and Zakłady Graficzne Atext S.A. Without their kind help, we would not have been able to run a successful conference. We express our sincere gratitude to all the sponsors for their cooperation and aid.

The workshop was organized by the appointed Organizing Committee. The efforts of its members toward the success of the conference are very much appreciated. Finally, thanks are also due to all the lecturers and participants of the conference. We hope the proceedings of the workshop will contribute to the worldwide development of Quantum Probability and its interdisciplinary aspects.

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