

## Foreword

Since the beginning of the academic year 2001-2002, the departments of Mathematics at Copenhagen University in Denmark and Lund University in Sweden jointly organize the Øresund Seminar on Partial Differential Equations and Mathematical Physics, meeting two or three times each semester, alternately in Copenhagen and in Lund. A session normally consists of four lectures, given by visiting guests or by local mathematicians. During May 23–25 2002, the seminar was extended to a three-day symposium with sixteen speakers from six different countries. The symposium was hosted by the Department of Mathematics at Lund University. A selection of the lectures delivered at this occasion is presented in this volume.

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