

## Editorial Introduction

This volume contains the Proceedings of the International Workshop on Operator Theory and Applications (IWOTA) which was held at the Seoul National University, Seoul, Korea, July 31–August 3, 2006. This was the seventeenth IWOTA; in fact, the workshop was held biannually since 1981, and annually in the recent years (starting 2002) rotating among twelve countries on four continents.

Previous IWOTA meetings were held at:

- Santa Monica, CA, USA (1981) J.W. Helton, Chair
- Rehovot, Israel (1983) – OT 12 H. Dym and I. Gohberg, Co-chairs
- Amsterdam, Netherlands (1985) – OT 19 M.A. Kaashoek, Chair
- Mesa, AZ, USA (1987) – OT 35 J.W. Helton and L. Rodman, Co-chairs
- Rotterdam, Netherlands (1989) – OT 50 H. Bart, Chair
- Sapporo, Japan (1991) – OT 59 T. Ando, Chair
- Vienna, Austria (1993) – OT 80 H. Langer, Chair
- Regensburg, Germany (1995) – OT 102 and 103 R. Mennicken, Chair
- Bloomington, IN, USA (1996) – OT 115 H. Bercovici and C. Foias Co-chairs
- Groningen, Netherlands, (1998) – OT 124 A. Dijksma, Chair
- Bordeaux, France (2000) – OT 129 N. Nikolsky, Chair
- Faro, Portugal (2000) – OT 142 A.F. Dos Santos and N. Manojlovic, Co-chairs
- Blacksburg, VA, USA (2002) – OT 149 J. Ball, Chair
- Cagliari, Italy (2003) – OT 160 S. Seatzu and van der Mee, Co-chairs
- Newcastle, UK (2004) – OT 171 M.A. Dritshel and N. Young, Co-chair
- Storrs, CT, USA (2005) – OT 179 V. Olshevsky, Chair
- Seoul, Korea (2006) – OT in print Woo Young Lee, Chair
- Potchefstroom, South Africa (2007) – OT in preparation, K. Grobler and G. Groenewald, Co-chairs
- Williamsburg, VA, USA, (2008) – OT planned, L. Rodman, Chair

The purpose of IWOTA 2006 was to bring together mathematicians and engineers interested in operator theory and its applications. Adhering to the tradition of

the recent IWOTA meetings, IWOTA 2006 was focused on a few special themes, without loss of the general IWOTA mission. Our special interest areas were

Hilbert/Krein space operator theory;

Complex function theory related to Hilbert space operators;

Systems theory related to Hilbert space operators.

This volume contains 16 contributions, which reflect the recent development in operator theory and applications.

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