

PREFACE

The Eleventh Haifa Matrix Theory Conference was held on June 21-25, 1999, at the Technion - Israel Institute of Technology. It was organized and sponsored by the Institute of Advanced Studies in Mathematics at the Technion. The organizing committee of the conference consisted of Abraham Berman (Chair), Moshe Goldberg, Daniel Hershkowitz, Leonid Lerer, David London, Raphael Loewy and Abraham Zaks.

The program consisted of 45 talks, given by speakers from Australia, China, the Czech Republic, Germany, Israel, The Netherlands, Poland, Portugal, Russia, Slovenia, Taiwan and the United States. The proceedings of the conference are published in this volume of *The Electronic Journal of Linear Algebra*. All the articles in this volume went through the normal procedure of refereeing, according to the high standards of the journal.

This conference was the eleventh in a sequence of conference devoted to matrix analysis and the various aspects of linear algebra and its applications. The first conference took place in December 1984, and the second one took place in December 1985. Both conferences were organized jointly by the Technion and the Haifa University. All other conferences in the sequence were held the Technion only. The third conference took place in January 1987, the fourth one took place in January 1988, the fifth conference was held in January 1989, the sixth one took place in June 1990, and the seventh conference was held in June 1991. The Eighth Haifa Matrix Theory Conference was a part of the special month in Linear Algebra, organized by the Institute for Advanced Studies in Mathematics at the Technion in June 1993. It was preceded by a workshop on "Nonnegative Matrices, Generalizations and Applications". The ninth conference was held in May-June 1995, and the tenth one took place in January 1998.

Three special issues of the journal *Linear Algebra and its Applications* were devoted to conference proceedings of the Fourth Haifa Matrix Theory Conference, the sixth conference, and the eighth one.

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