NUMERICAL LINEAR ALGEBRA WITH APPLICATIONS
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Editorial

Numerical Linear Algebra and its Applications

The fourth workshop of the ERCIM Working Group on 'Matrix Computations and Statistics' and the First International workshop on 'Numerical Linear Algebra and its Applications', organized by Istituto per le Applicazioni del Calcolo 'M. Picone', sez. Bari, National Research Council of Italy, were held jointly at Hotel Porto Giardino, Monopoli, Italy, on September 22–24, 2003.

The main aim of the workshop was to bring together researchers working in different domains to explore novel matrix methods emerging in Numerical Linear Algebra, and their applications. The proceedings include 12 papers from selected speakers of the workshop.

The main topics described in the issue are:

- structured matrices, with special emphasis to Toeplitz and semiseparable matrices and their applications;
- structured matrix methods with applications in computer graphics and image restoration;
- tensor-based methods and their applications.

On behalf of the organizers of the workshop, we would like to thank Prof. O. Axelsson, Editor in chief of *Numerical Linear Algebra with Application*, for having devoted a special issue to publish the proceedings of the workshop. We would also like to thank the following sponsors for their generous support: Istituto per le Applicazioni del Calcolo 'M. Picone' sez. Bari, Consiglio Nazionale delle Ricerche, Ministero della Ricerca Scientifica of Italy, Regione Puglia, Comune di Castellana Grotte (Ba), SITA trasporti.

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