PROCEEDINGS

OF THE SIXTEENTH SOUTH AFRICAN

SYMPOSIUM

ON

NUMERICAL MATHEMATICS

SAN LAMEER, 09-11 JULY 1990

SANUM & THE
DEPT. OF COMPUTER SCIENCE
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S Abelman

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Preface

The sixteenth South African Symposium on Numerical Mathematics was held at San Lameer on the Natal South Coast from 09 to 11 July 1990. It was organized by the South African Society for Numerical Mathematics (SANUM), in conjunction with the Department of Computer Science of the University of Natal. Fifty one delegates attended the conference, and thirty five papers were presented. The invited speakers from abroad were Prof Lothar Reichel from the University of Kentucky, USA., and Prof. Paul Nevai from Ohio State University, USA. Our local keynote speaker was Prof Jan Snyman from the University of Pretoria. Prof T Y Kam from Taiwan, currently visiting the University of Pretoria, also attended the Symposium and read a paper.

This collection of papers represents an excerpt of those delivered at the conference. Participants had a choice in deciding whether to submit an extended abstract, or a full length paper to these Proceedings. All contributions are published as received from the authors, without any refereeing or editing. A summary of the discussion on the future of Numerical Analysis and Computational Mathematics in South Africa is also included.

All contributors to the Symposium, chairmen of sessions and participants are thanked for their participation. On behalf of the members of SANUM and all delegates present at the Symposium, I express a very sincere word of thanks to Ms Ethel Carte of the Department of Computer Science of the University of Natal, Durban for her invaluable assistance with the organization and smooth running of the Symposium and the publishing of these Proceedings. It has been a great pleasure and privilege working with her.

Shirley Abelman
Secretary, SANUM.

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