PROCEEDINGS

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SYMPOSIUM

ON

NUMERICAL MATHEMATICS

UMHLANGA ROCKS, 13, 14 & 15 JULY 1987

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PREFACE

The Thirteenth South African Symposium on Numerical Methods was held at Umhlanga Rocks near Durban from 13-15 July 1987. This event was again organized by the South African Society for Numerical Mathematics (SANUM) in conjunction with the Computer Science Department of the University of Natal. A total number of 35 papers were read at this meeting of which 6 were delivered by our 4 overseas guests. They were Prof Graeme Fairweather of the University of Kentucky, USA, Prof Phillip Rabinowitz of the Weizmann Institute of Science, Israel, Dr Allister Watson of the University of Dundee, Scotland and Dr David Sloan of the University of Strathclyde, Scotland.

The proceedings are a published record of 35 of the papers presented. The choice was left to the authors as to whether they wished to publish their papers in full or as a summary. All contributions in the Proceedings are published as received from the authors.

This preface provides the opportunity to thank all the contributors to the symposium, chairmen of sessions and participants for their participation.

The organisers wish to express their gratitude to ISM for their generous financial support, not only of the thirteenth symposium, but also for their sponsorship of previous symposia. Through their assistance we are able to look forward to the fourteenth symposium which will be held from 11-13 July 1988. This support has enabled us to invite distinguished overseas numerical mathematicians and through their expertise greatly stimulating research in this field in South Africa.

The society also wishes to express a very sincere word of thanks to Ms Ethel Carte of the Computer Science Department of the University of Natal for assisting with the organisation of the symposium.

P J Vermeulen
Secretary, SANUM

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