Proceedings

of the sixth South African

SYMPOSIUM
ON
NUMERICAL MATHEMATICS

Durban, 21, 22 & 23 July 1980

computer science department

university of natal

durban

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edited by

G.R. Joubert

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PREFACE

The sixth Symposium on Numerical Mathematics organised by the Computer Science Department of the University of Natal was held in Durban on 21, 22 and 23 July 1980. This annual event offers South African researchers in the field of Numerical Mathematics an opportunity to exchange information on their research and new developments in this field.

These proceedings are published as a record of the papers presented. The choice is left to authors whether only a summary or the full paper is to be published. Papers of which summaries are included are normally published elsewhere.

An invited paper was read by Dr. Jürgen Sprekels from the University of Hamburg.

The symposium was again supported financially by IBM South Africa. The continued and generous support by IBM over the last five years is greatly appreciated.

Thanks for assisting with the organisation of this year's symposium is due to Sheilagh Cameron-Dow and Pat Duminy of the Public Relations Office of the University of Natal and Ethel Carte and Judy Hollenbach of the Computer Science Department. I am grateful to Wendy Midgley for preparing the proceedings in her usual flawless manner.

G.R. Joubert.

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