



OPERATIONS RESEARCH SOCIETY OF SOUTH AFRICA  
OPERASIONELE NAVORSINGSVERENIGING VAN SUID-AFRIKA

NUUSBRIEF  
NEWSLETTER

NOVEMBER 1975

1. LIDMAATSKAP/MEMBERSHIP

Ons kondig met genoë die volgende nuwe lede aan:  
We are pleased to announce the following new members:

Korporaatlid/Corporate Member

S.A. Weermag/S.A. Defence Force

Volle lid/Full member

Dr F. Calitz

Mede lede/Associate members

J Gapper

J.A.T. Joubert

Dr W. Ott

J.M. Rice

T. Wegner

W. Kaap/Cape

Pretoria

W. Kaap/Cape

W. Kaap/Cape

Die volgende lede se status is van mede tot volle lid verander:

The status of the following members has been changed from associate to full:

K.J.H. Jager

J. Shochot

2. UITVOERENDE KOMITEE 1976/EXECUTIVE COMMITTEE 1976

Die uitvoerende komitee vir 1976 is soos volg:

Die Executive committee for 1976 is as follows:

President	H.I.D. du Plessis
Vise-/Vice President	R. Eales
Oud-/Past President	K.C.W. Sandrock
Sekretaris/Secretary	K.J.H. Jager
Penningmeester/Treasurer	Prof. A.H. Money
Redakteur/Editor	M.A. de Vries
Ander lede/Other members	Prof. G. Geldenhuys J. Miller

+ 3 takvoorsitters/chapter chairmen

3. IFORS

As is well known, ORSSA is a member of the International Federation of Operational Research Societies. It may be of interest to our members to see the membership and voting power of affiliated societies. These are as follows (1974 figures).

Society	Date of Joining	Total M'ship	Voting Power	Date of latest Return
Argentina	1962	365	17.29	1974
Australia	1960	703	26.08	1974
Belgium	1960	334	11.49	1974
Brazil	1969	?		1972
Canada	1960	600	22.96	1974
Denmark	1963	219	13.41	1974
Finland	1975	175	13.22	1974
France	1959	735	20.41	1974
Germany	1962	702	23.17	1974
Greece	1966	490	21.89	1974
India	1960	?		1970
Israel	1969	157	10.34	1974
Italy	1962	?		1971
Japan	1961	2,005	41.07	1974
Ireland	1966	?		1972
S. Korea	1972	?		1972
Mexico	1966	?		1971
Netherlands	1960	470	20.49	1974
New Zealand	1970	268	15.17	1974
Norway	1960	185	12.84	1974
South Africa	1973	228	14.91	1974

Society	Date of Joining	Total M'ship	Voting Power	Date of latest Return
Spain	1963	237	13.38	1974
Sweden	1960	535	23.13	1974
Switzerland	1963	383	17.69	1974
United Kingdom	1959	3,037	53.05	1974
United States	1959	7,790	84.23	1974
U.S.S.R.	1972	?		1971
Airlines Group	1960	400	-	1972
Czechoslovakia	1966	?	-	1972
Mathematical Programming Soc.	1975	600	-	1974
Institute of Management Sciences	1962	5,654	-	1974

4. THE APPLICATION OF COMPUTER METHODS IN THE MINERAL INDUSTRIES

Many of our members have been interested in the regular international symposia with this title ("APCOM" symposia). The next such (the 14th) will be held during 4-8 October 1976 at the Pennsylvania State University. The provisional programme is reproduced below.

COMPUTERS AND OPERATIONS RESEARCH IN MINERAL INDUSTRIES

Sessions On

National and International Planning for Minerals  
 Investment Planning in Multinational Mineral Companies  
 Health, Safety, Environment, and Manpower Planning  
 Computers in Coal and Mineral Processing  
 Exploration and Ore Reserve Estimation  
 Production Planning and Control  
 Economic Modeling of the Mineral Sector  
 Management Information Systems  
 Ocean Resources  
 Automation and Process Control  
 Pattern Recognition with Earth Data  
 Industrial Case Studies

Short Courses and Field Trips

Send abstracts by January 15, 1976 to:  
 Dr R.V. Ramani  
 The Pennsylvania State University  
 116 Mineral Industries Building  
 University Park, Pennsylvania 16802 USA

For additional information write:  
 Ron Avillion  
 The Pennsylvania State University  
 410 Keller Building  
 University Park,  
 Pennsylvania 16802 USA

5. CHAPTER NEWS

Johannesburg

A meeting of the Johannesburg Chapter was held at the Sunnyside Park Hotel on Tuesday, 23 September. The meeting was addressed by Professor M.J. Venter of the Rand Afrikaans University. His topic was "LARGE SCALE INVENTORY SYSTEMS".

Professor Venter expressed some thoughts and related some experience concerning large scale inventory systems. His talk was not theoretical but was rather a set of generalisations based on experience. The meeting was attended by about twenty people.

Pretoria

The Pretoria Chapter held a meeting on 23 October. This was addressed by Mr Peter Curtayne of the National Institute for Road Research. He gave an excellent review of the work being done in the construction of data base systems for road management, touching on decision problems encountered in this field, for example the scheduling of road maintenance. The presentation was outstanding; it was only a pity that the meeting was so poorly attended.

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# SANLAM

## OPERASIONELE NAVORSER

Uitbreiding van werksaamhede noodsaak 'n senior aanstelling in Sanlam se operasionele navorsingsafdeling.

Ons soek 'n man met

- minstens 'n honneursgraad in operasionele navorsing, statistiek, toegepaste wiskunde of rekenaarwetenskap;
- minstens 2 jaar nagraadse ondervinding.

Die pos bied 'n unieke geleentheid om, in noue samewerking met bestuur, baanbrekerswerk te doen op die gebied van beleggings, bemarking en administrasie. Intensiewe gebruik word gemaak van Sanlam se IBM 370/155 en 370/158-rekenaars deur middel van tyddelings- en bondelverwerkings-fasiliteite.

Benewens ruim ontwikkelings- en vorderingsgeleenthede as navorser/adviseur, bied die betrekking vir die man met die regte belangstelling uitstekende geleentheid om mettertyd vir 'n lynbestuurspos in aanmerking te kom.

Vergoeding sluit in

- mededingende salaris en jaarlikse bonus
- 'n vyfdag-werkweek en skiktyd
- 'n wye reeks personeelvoordele en -geriewe.

Rig u aansoek aan:

Die Personeelbestuurder  
Sanlam  
Posbus 1  
SANLAMHOF  
7532