

PUBLICATIONS

4.1 JOURNALS/ BOOKS

CM 1 INTERELECTRODE CURRENT LEAKAGE IN FARADAY GENERATORS

M I James, M L Mittal, G P Gupta, V K Rohatgi

Energy Conversion & Management, 33(2):105-108, 1992

CM 2 MEASUREMENT OF TURBULENCE INTERMITTENCE WITH A SINGLE-COMPONENT LDV

K T Madhavan, K S Yajnik

Laser Anemometry: Advances and Applications, Publ. by ASME, 3:23-26, 1991

CM 3 SCATTERING OF ELECTROMAGNETIC WAVES BY CYLINDERS COATED WITH A RADIALY-INHOMOGENEOUS LAYER

P S Swathi, T W Tong, G R Cunningham Jr.

J. Quant. Spectrosc. and Radiative Transfer, 46(4), 281-292, 1991

CM 4 APPLICATION OF INTEGRAL TRANSFORMS TO BOUNDARY LAYER PROBLEMS

K S Yajnik

Transactions of the Society for Computer Simulation, 8(2):65-73, 1991

CM 5 ON THE APPLICATION OF INTEGRAL TRANSFORMS TO BOUNDARY LAYER PROBLEMS

K S Yajnik, M S Phanikumar

Proc. Fourth International Symposium on Computational Fluid Dynamics, University of California, Davis, CA, 2:1250-1255, 1991

CM 6 RUNNING CODES ON PARALLEL COMPUTERS: A CASE

- STUDY

N Rajappa, K Leelavathi

Proc. of the Indian Computing Congress Tata McGraw Hill, 401-405, 1991

CM 7 APPLICATION OF MATHEMATICAL MODELLING FOR PREDICTION OF CLIMATE CHANGE

K S Yajnik

Global Climate Change (Ed. B Frame, Y Medury, Y Joshi) 26-32, 1992

4.2 PRESENTATIONS AT CONFERENCES

CM 8 CHARACTERISATION OF COMPLEX BEHAVIOUR IN A GENERALISED BIOCHEMICAL REACTION SEQUENCE

T R Krishna Mohan, Somdatta Sinha
National seminar on Mathematical Modelling in Biology and Chemistry, Hyderabad, 1991

CM 9 DYNAMICS OF A NONLINEAR 7-COMPONENT MODEL OF A MARINE ECOSYSTEM

M K Sharada, G Reddaiah, V Gopal, K S Yajnik

National seminar on Mathematical Modelling in Biology and Chemistry, Hyderabad, 1991

CM 10 APPLICATION OF MATHEMATICAL MODELLING FOR PREDICTION OF CLIMATE CHANGE

K S Yajnik

Invited lecture, Indo-British Symposium on Climate Change, New Delhi, 1991

CM 11 SCIENTIFIC COMPUTING SCENE IN CSIR

K S Yajnik

Invited lecture, 25 years of EDP at Indian Institute of Chemical Technology, Hyderabad, December, 1991

CM 12 APPLICATIONS OF MATHEMATICAL MODELLING TO BIOLOGY

K S Yajnik
Inaugural lecture, National seminar on Mathematical Modelling in Biology and Chemistry, Hyderabad, December, 1991

CM 13 PRINCIPLES AND APPLI-

CATIONS OF MATHEMATICAL MODELLING : GLIMPSES OF A WONDERLAND

K S Yajnik
Inaugural lecture, Pan Commonwealth Workshop on Mathematical Modelling, Madras, 1992