

Publications in Journals (1996)

CM 1 Global positioning system measurements of indian plate motion and convergence across the lesser himalaya

J.Freymueller, R.Bilham, R.Burgmann, K.M.Larson, J Paul, S.Jade and V.K.Gaur
Geophysical Research Letters, 23: 3107-3110, 1996

CM 2 Straightforward inversion of vertical electrical sounding data

V.K.Gaur, P.K.Gupta and Srinivas
Geophysics (USA), Dec. 1996

CM 3 Straightforward inversion scheme (SIS) for one dimensional magnetotelluric data

V.K.Gaur
Proc. Indian Academy of Sci. Earth & Planet. Sciences, 105(4): 413-429, 1996

CM 4 Mechanism of observed interannual variabilities over the indian ocean

P. Goswami
J. Atmos. Sci., 54: 1689-1700, 1996

CM 5 An experimental annual forecast of all-india mean summer monsoon rainfall using neural network

P. Goswami
Current Science, 70: 1039, 1996

CM 6 Fractal analysis of sea level variations in coastal regions of india.

N.K. Indira, R.N. Singh and K.S. Yajnik
Current Science, 70: 719-723, 1996

CM 7 Chaotic advection by rossby-haurwitz waves

B. Joseph
Fluid Dynamics Research, 18: 1-16, 1996

CM 8 Modelling the soil temperature profiles using the data from pilot experiment at Anand

B. Joseph and P. Goswami
Proc. Indian Acad. Sci. (Earth and Planetary Sci.), 105: 191-195, 1996

CM 9 Accurate development of leading-edge vortex using an embedded conical grid

A. Kumar
AIAA Journal, 34: 2038-2046, 1996

CM 10 Dynamics of the east India coastal currents, 1. Analytical solutions forced by interior Ekman pumping and local alongshore winds

D. Shankar, J.P. McCreary, W. Han and S.R. Shetye
J. Geophys. Res., 101: 13975-13991, 1996

CM 11 Dynamics of the east India coastal current, 2. Numerical solutions

J.P. McCreary, W. Han, D. Shankar and S.R. Shetye
J. Geophys. Res., 101: 13993-14010, 1996

CM 12 Hydrography and circulation in the western Bay of Bengal during the northeast monsoon

Shetye, S.R., A.D. Gouveia, D. Shankar, S.S. Shenoi, P.N. Vinayachandran, D. Sundar, G.S. Michael and G. Nampoothiri
J. Geophys. Res., 101: 14011-14025, 1996

CM 13 New technique for conformational sampling of cyclic molecules using the amber force field: Application to 18-crown-6

B. Jagannadh, A.C. Kumar, R.P. Thangavelu and E. Osawa

J. Phys. Chem., 100: 14339-14342, 1996

Presentations at Conferences/ Symposia/ Workshops (1996)

CM 14 Modelling and simulation of biological and physical processes in the indian ocean

K.S. Yajnik, M.K. Sharada and P.S. Swathi

National Conference on Math. Modelling & Computer Simulation, C-MMACS, Dec. 1996

CM 15 Modelling of coke ovens

R.A. Sohony

National Conference on Math. Modelling & Computer Simulation, C-MMACS, Dec. 1996

CM 16 Supersonic fan noise to cancer and common cold

P.G. Vaidya

National Conference on Math. Modelling & Computer Simulation, C-MMACS, Dec. 1996

CM 17 Simulation model for bioremediation

T.R. Krishna Mohan

National Conference on Math. Modelling & Computer Simulation, C-MMACS, Dec. 1996

CM 18 Models of isostatic compensation of indian oceanic bathymetric features

John Paul

National Conference on Math. Modelling & Computer Simulation, C-MMACS, Dec. 1996

CM 19 Numerical stress analysis of rockmass as a continuum and continuum

Sridevi Jade and T.G.Sitharam

Indian Geotechnical Conference, Dec. 1996

CM 20 Controlling chaos in unidimensional maps

S. Parthasarathy

Workshop on Nonlinear Control and Control of Chaos, Intl. Centre for Theoretical Physics, Trieste, Italy, June 1996

CM 21 Dynamics of discrete populations models under migration

S. Parthasarathy

Recent Developments in Chaotic Dynamics, Bharathidasan University, Tiruchirapalli, Dec. 1996

CM 22 Preliminary aspects of a coupled physical-biological model for the Indian ocean

P.S. Swathi

PRL Golden Jubilee Workshop on Atmospheric Environment, Ahmedabad, Dec. 1996

CM 23 The Bangalore GPS reference station

S. Jade, R.P. Thangavelu, P.S. Swathi, and V. Kumar

The First National GPS Conference, Kanpur, 1996