

K.C. DESHMUKH	
An inverse problem of thermoelastic deformation of a finite hollow cylinder	333
K.C. DESHMUKH AND S.G. INGALE	
Analysis of stress functions in a circular plate due to a partially distributed heat supply	339
B.N. BHOSALE AND M.S. CHAUDHARY	
Fractional Fourier transform of distributions of compact support	349
EBRAHIM A. YOUNESS AND ABD EL-MONEIM A. MEGAHEH	
A study on large scale continuous differential games.	359
K.D. THENGANE	
Existence of $[\frac{1}{\sqrt{2}}(y+z)-t]$ -type and $[t\sqrt{2}/(y+z)]$ -type plane waves in V_5 for bimetric relativity	369
KOUSHIK GHOSH	
Brown dwarf configurations under the consideration of rotation and magnetic field	373
ARIBINDI SATYANARAYAN RAO	
On the successive derivatives of abstract Stepanov-almost periodic functions	381
ZAFAR AHSAN AND NIKHAT AHSAN	
On a symmetry of the electromagnetic fields	385
N.C. DAS, A. LAHIRI AND S. DUTTA	
Eigenvalue approach to thermal stresses in an orthotropic elastic slab due to prescribed surface temperature	389
RAKHI BHATTACHARYYA	
Stochastic analysis of fluctuation and stability of a prey-predator system	401
YUPAPORN KEMPRASIT AND MANOJ SIRIPITUKDET	
Matrix semigroups admitting ring structure	409

Per volume : (For 2002) Rs. 800/- (India), or \$ 250.00 (Foreign)

Subscription Rate per back volume : Rs. 1100/- (India) or \$ 250.00 (Foreign)

PRINTED IN INDIA

PRINTED AND PUBLISHED BY PROFESSOR M.R. ADHIKARI, SECRETARY, ON BEHALF OF
CALCUTTA MATHEMATICAL SOCIETY

AE-374, SECTOR-I, SALT LAKE CITY, KOLKATA-700 064, INDIA AND PRINTED AT
BOOKS & ALLIED (P) LTD., 8/1 CHINTAMONI DAS LANE, KOLKATA-700 009

EDITORIAL SECRETARY : PROFESSOR H.P. MAZUMDAR