

CONTENTS

Commenced in May 1980

Vol. 32 No. 5 May 2011 (Monthly)

Shape gradient and classical gradient of curvatures: driving forces on micro/nano curved surfaces	(533)
Ya-jun YIN (殷雅俊), Chao CHEN (陈超), Cun-jing LÜ (吕存景), Quan-shui ZHENG (郑泉水)	
Two-dimensional polynomial eigenstrain formulation of boundary integral equation with numerical verification	(551)
Hang MA (马杭), Zhao GUO (郭钊), Qing-hua QIN (秦庆华)	
General solutions of plane problem for power function curved cracks	(563)
Jun-hong GUO (郭俊宏), Ze-shuai YUAN (袁泽帅), Zi-xing LU (卢子兴)	
Dispersion equation of magnetoelastic shear waves in irregular monoclinic layer	(571)
A. CHATTOPADHYAY, S. GUPTA, S. A. SAHU, A. K. SINGH	
Analysis of cavitation problem of heated elastic composite ball	(587)
Xin-chun SHANG (尚新春), Rui ZHANG (张锐), Hui-lan REN (任会兰)	
Influence of magnetic field on wave propagation at liquid-microstretch solid interface	(595)
B. SINGH	
Stability analysis of helical rod based on exact Cosserat model	(603)
Yan-zhu LIU (刘延柱), Yun XUE (薛纭)	
Low-diffusion preconditioning scheme for numerical simulation of low-speed flows past airfoil	(613)
Qian XIANG (相倩), Song-ping WU (吴颂平), Chun-hian LEE (李椿萱), Ning CAO (曹宁)	
Study on application of random walk method to calculate water exchange in large-scale bay	(621)
Xiao-bao LI (李小宝), De-kui YUAN (袁德奎), Jian-hua TAO (陶建华)	
Scattering of water waves by thin vertical plate submerged below ice-cover surface	(635)
P. MAITI, P. RAKSHIT, S. BANERJEA	
Turbulent flow in converging nozzles, part one: boundary layer solution	(645)
R. MADDAHIAN, B. FARHANIEH, B. FIROOZABADI	
Solution and stability of mixed type functional equation in non-Archimedean random normed spaces	(663)
Shi-sheng ZHANG (张石生), R. SAADATI, G. SADEGHI	

ISSN 0253-4827
CN 31-1650/O1

ISSN 0253-4827

