

CONTENTS

Commenced in May 1980

Vol. 40 No. 10 Oct. 2019 (Monthly)

- Large deformation analysis of a cantilever beam made of axially functionally
graded material by homotopy analysis method (1375)
Xin LIN, Yixin HUANG, Yang ZHAO, Tianshu WANG
- Crystallization of self-propelled particles on a spherical substrate (1387)
Yan FANG, Chen WANG, Hongyuan JIANG
- Torsional wave frequency in heterogeneous earth crust lying
over dry sandy semi-infinite substratum (1399)
S. K. VISHWAKARMA, R. KAUR, T. R. PANIGRAHI
- Random heterogeneous microstructure construction of composites
via fractal geometry (1413)
Siwen WANG, Zhansheng GUO
- Abstraction and operator characterization of fractal ladder viscoelastic
hyper-cell for ligaments and tendons (1429)
Jianqiao GUO, Yajun YIN, Gexue REN
- Threshold and decay properties of transient isolated turbulent band
in plane Couette flow (1449)
Jianzhou LU, Jianjun TAO, Weitao ZHOU, Xiangming XIONG
- Electroviscous effect on electromagnetohydrodynamic flows of Maxwell fluids
in parallel plate microchannels (1457)
Yongbo LIU, Yongjun JIAN
- Unsteady three-dimensional MHD flow of the micropolar fluid over
an oscillatory disk with Cattaneo-Christov double diffusion (1471)
A. RAUF, S. A. SHEHZAD, Z. ABBAS, T. HAYAT
- A hybrid subcell-remapping algorithm for staggered multi-material arbitrary
Lagrangian-Eulerian methods (1487)
Haihua YANG, Ping ZHANG
- Influence of Hall current and Joule heating on entropy generation
during electrokinetically induced thermoradiative transport of nanofluids
in a porous microchannel (1509)
B. MALLICK, J. C. MISRA, A. R. CHOWDHURY

ISSN 0253-4827
CN 31-1650/O1



ISSN 0253-4827



9 770253 482199



10>