

## CONTENTS

Commenced in May 1980

Vol. 40 No. 8 Aug. 2019 (Monthly)

- Coupled flapwise-chordwise-axial-torsional dynamic responses of rotating pre-twisted and inclined cantilever beams subject to the base excitation ..... (1053)  
Jin ZENG, Hui MA, Kun YU, Zhitao XU, Bangchun WEN
- Transference of Love-type waves in a bedded structure containing a functionally graded material and a porous piezoelectric media ..... (1083)  
S. MONDAL, S. A. SAHU, K. K. PANKAJ
- Modified strip saturated models for two equal collinear cracks with coalesced zones in piezoelectric media ..... (1097)  
S. SINGH, K. SHARMA, R. R. BHARGAVA
- In-plane dynamics of a fluid-conveying corrugated pipe supported at both ends ..... (1119)  
Yingjie WANG, Qichang ZHANG, Wei WANG, Tianzhi YANG
- Effects of rotation and gravity on an electro-magneto-thermoelastic medium with diffusion and voids by using the Lord-Shulman and dual-phase-lag models ..... (1135)  
S. M. ABO-DAHAB, A. M. ABD-ALLA, A. A. KILANY
- Nonlinear primary resonance analysis for a coupled thermo-piezoelectric-mechanical model of piezoelectric rectangular thin plates ..... (1155)  
Xun WANG, Chunxia XUE, Haitao LI
- An irreducible polynomial functional basis of two-dimensional Eshelby tensors ..... (1169)  
Zhenyu MING, Liping ZHANG, Yannan CHEN
- Numerical analysis of the interaction of 3D compressible bubble clusters ..... (1181)  
Hui GUAN, Jincheng WANG, Zhijun WEI, Chuijie WU
- Turbulent combustion modeling using a flamelet generated manifold approach — a validation study in OpenFOAM ..... (1197)  
Tao LI, Fanfu KONG, Baopeng XU, Xiaohan WANG
- Wavelet analysis of stagnation point flow of non-Newtonian nanofluid ..... (1211)  
M. HAMID, M. USMAN, R. U. HAQ, Z. H. KHAN, Wei WANG

ISSN 0253-4827  
CN 31-1650/O1



ISSN 0253-4827



9 770253 482199

08>