

**JOURNAL OF MECHANICS***Formerly The Chinese Journal of Mechanics, Series A***PAPERS**

1. Dynamic Interaction of a Distributed Supported Guideway and a Asymmetrical Multimagnet Suspension Vehicle with Unbalanced Mass ..... C.-Y. Hu, K.-C. Chen, J.-S. Chen 1
2. Numerical Calculation of Turbulent Channel Flow with Porous Ribs ..... H. C. Chan, Yaoxin Zhang, J. M. Leu, Y.-S. Chen 15
3. Theoretical Prediction of Fiber Coupling for Ellipsoidal Microlens ..... C.-K. Chao, J.-Y. Hu, S.-Y. Hung, H. H. Yang 29
4. A New Analytical Model of a Centrifugal Compressor and Validation by Experiments ..... H. Pourfarzaneh, A. Hajilouy-Benisi, M. Farshchi 37
5. Structural Responses of Surface-Mounted Piezoelectric Beams ..... R.-T. Wang 47
6. Dynamic Analysis and Critical Speed of Pressurized Rotating Composite Laminated Conical Shells Using Generalized Differential Quadrature Method ..... M. Ghayour, S. Ziaei Rad, R. Talebitooti, M. Talebitooti 61
7. A Cylindrically Anisotropic Tube Containing a Mixed Dislocation ..... C.-H. Wang 71
8. General Interface Conditions in Surface Elasticity of Nanoscaled Solids in General Curvilinear Coordinates ..... C.-N. Weng, T. Y. Chen 81
9. Free Vibration of Rectangular Plate with Delamination ..... L.-C. Shiau, J.-Y. Zeng 87
10. Response of a Maglev Vehicle Moving on a Two-Span Flexible Guideway ..... J. D. Yau 95
11. Analysis of the Concentric Distraction and Distraction Loss of the Bridged Elbow by a Dynamic Fixator ..... K.-S. Shih, W.-S. Lee, C.-S. Tseng, T.-W. Lu, S.-M. Hou, S.-C. Lin 105

**TECHNICAL NOTES**

12. Effect of Vapor Superheating on Mixed-Convection Film Condensation along an Isothermal Vertical Cylinder ..... T.-B. Chang N1
13. Dynamic Interactions of a High-Speed Vehicle and a Distributed Discretely Supported Guideway ..... C.-Y. Hu, K.-C. Chen, J.-S. Chen N9