

Contents

Vol. 54, No. 8, 2019

The Perihelion Shift of Mercury's Orbit <i>N. I. Amelkin</i>	1131
Unloading Wave in a Cylindrical Net <i>J. H. Agalarov, T. J. Gasanova, and G. A. Mamedova</i>	1138
Dynamic Impact on a Pipeline Considering Dry Friction on its Surface <i>A. N. Filippov</i>	1144
Experimental Study of Rock Creep under True Triaxial Loading <i>V. I. Karev, D. M. Kilmov, Yu. F. Kovalenko, and K. B. Ustinov</i>	1151
On a Differential Constraint in Asymmetric Theories of the Mechanics of Growing Solids <i>E. V. Murashkin and Yu. N. Radaev</i>	1157
Strength Properties of Lubricated Bearings with Defective Coatings <i>V. A. Babeshko, O. M. Babeshko, O. V. Evdokimova, Yu. B. Eletsii, and S. B. Uafa</i>	1165
Control of the Deformation of a Circular Cylindrical Shell <i>L. D. Dolgikh and V. V. Kiselev</i>	1171
Variant of Nonlinear Elasticity Relations <i>A. A. Markin and M. Yu. Sokolova</i>	1182
Spatial Nonlinear Oscillations of a Pipeline under the Action of Internal Shock Pressure <i>M. M. Shakiryanov</i>	1189
A Generalization of the von Mises Criterion for a Single Crystal with a Hexagonal Crystal Lattice <i>A. G. Vlasova and A. M. Kesarev</i>	1197
Identification of Cross-Section Defects of the Rod by Using Eigenfrequencies and Features of the Shape of Longitudinal Oscillations <i>L. D. Akulenko, A. A. Gavrikov, and S. V. Nesterov</i>	1208
Control Problem of String Vibrations with Inseparable Multipoint Conditions at Intermediate Points in Time <i>V. R. Barseghyan</i>	1216
Generalization of Hamilton–Ishlinskii Solid Angle Theorem for Spatial Motion of a Solid Body and its Applications <i>Yu. N. Chelnokov</i>	1227
The Effect of a Uniform Stationary Temperature Field on the Stress–Strain State of Elastomers under Static Large Deformations <i>B. A. Zhukov</i>	1240
Study on the Influence of Activated Carbon Nanotubes on the Tribological Properties of Frost-Resistant Rubber <i>P. O. Bukovskiy, A. V. Morozov, N. N. Petrova, and E. V. Timofeeva</i>	1250

