

CONTENTS

Wojciech Horak, Marcin Szczęch, Bogdan Sapiński <i>Magnetorheological Fluids Behavior in Oscillatory Compression Squeeze: Experimental Testing And Analysis</i>	221
Arkadiusz Trąbka <i>Effect of Pulse Shape and Duration on Dynamic Response of a Forging System</i>	226
Kamil Krasuski, Stepan Savchuk <i>The Impact of Troposphere Correction for Designation of the Ellipsoidal Height of Aircraft at Approach to Landing Procedure ...</i>	233
Heorhiy Sulym, Iaroslav Pasternak, Mariia Smal, Andrii Vasylyshyn <i>Mixed Boundary Value Problem for an Anisotropic Thermoelastic Half-Space Containing Thin Inhomogeneities</i>	238
Krzysztof L. Molski <i>Stress Concentration at Load-Carrying Fillet Welded Cruciform Joints Subjected to Tensile and Bending Loads</i>	245
Heorhiy Sulym, Nataliia Ilchuk, Iaroslav Pasternak <i>Heat Conduction in Anisotropic Medium with Perfectly Conductive Thread-Like Inclusions</i>	251
Krzysztof Wałęsa, Ireneusz Malujda, Dominik Wilczyński <i>Shaping the Parameters of Cylindrical Belt Surface in the Joint Area</i>	255
Olga Porkuian, Vladimir Morkun, Natalia Morkun, Oleksandra Serdyuk <i>Predictive Control of the Iron ore Beneficiation Process Based on the Hammerstein Hybrid Model</i>	262
Dariusz Szpica, Michal Korbut <i>Modelling Methodology of Piston Pneumatic Air Engine Operation</i>	271
<i>Abstracts</i>	279