

CONTENTS

| | |
|--|----|
| Jan Slota, Ivan Gajdos, Emil Spišák, Marek Šiser <i>Springback Prediction of Stretching Process using Finite Element Analysis for DP600 Steel Sheet</i> | 5 |
| Tadeusz Pała, Ihor Dzioba, Jarosław Gałkiewicz <i>Verification of Strength of the Welded Joints by using of the Aramis Video System</i> | 9 |
| Ryszard Sygulski, Michał Guminiak, Łukasz Polus <i>Stability of a Steel Welded Girder with Bending and Shear Forces Included</i> | 14 |
| Najeeb Alam Khan, Shahnaila Aziz, Saif Ullah <i>Entropy Generation on MHD Flow of Powell-Eyring Fluid Between Radially Stretching Rotating Disk with Diffusion-Thermo and Thermo-Diffusion Effects</i> | 20 |
| Maciej Słowik, Daniel Ołdziej, Zdzisław Gosiewski <i>Integration and In-Field Gains Selection of Flight and Navigation Controller for Remotely Piloted Aircraft System</i> | 33 |
| Czesław Janusz Jermak <i>Discussion on Flow-Through Phenomena in the Air Gauge Cascade</i> | 38 |
| Paweł Sidun, Andrzej Łukaszewicz <i>Verification of Ram-Press Pipe Bending Processes using Elasto-Plastic FEM Model</i> | 47 |
| Dariusz Urban, Marek Jałbrzykowski, Maria Gołębowska <i>Fatigue Testing of Dental Bridges on Selected Examples</i> | 53 |
| Volodymyr Kalchenko, Andriy Yeroshenko, Sergiy Boyko, Nataliia Sira <i>Determination Of Cutting Forces In Grinding With Crossed Axes Of Tool And Workpiece</i> | 58 |
| Wojciech Horak, Bogdan Sapiński, Marcin Szczęch <i>Analysis of Force in MR Fluids during Oscillatory Compression Squeeze</i> | 64 |
| Peter Kaššay, Jaroslav Homišin, Matej Urbanský, Robert Grega <i>Transient Torsional Analysis of a Belt Conveyor Drive with Pneumatic Flexible Shaft Coupling</i> | 69 |
| Adam Łapiński, Dariusz Butrymowicz, Mirosława Kołodziejczyk <i>Measurement Approach of Mean Heat Transfer Coefficient for Packed Bed of Vegetables</i> | 73 |
| <i>Abstracts</i> | 81 |