CONTENTS

- 1 Loveleen Kumar Bhagi, Shankar Singh, Indraj Singh Application of Taguchi Method for Optimization of Continuous Drive Friction Welding Process Parameters
- 11 Yuri Chovnyuk, Yuri Gumeniuk, Mykhailo Dikterjuk Dynamic Modelling and Control System of a Single Non-Slender Flexible Robot's Link Rotating in a Horizontal Plane
- 31 Alexander Orgiyan, Anna Balanyuk, Vladimir Kobelev, Ivan Tvorischuk Computation of Shaping Errors for Fine Boring of Smooth and Stepped Holes
- 41 Petro Koruniak, Iryna Nishchenko, Vladyslav Shenbor, Vitaliy Korendiy Two-mass Vibrating Conveyer with Nonparallel Flat Springs

- **47 Petro Dmyterko, Yurii Novitskyi, Volodymyr Gurey** Research of Influence of Oscillations of Tool-Part System on Roughness of Surface Layer during High-Speed Friction Strengthening
- 55 Vladyslav Shenbor, Petro Koruniak, Vitaliy Korendiy, Volodymyr Brusentsov, Marta Brusentsova

Analysis and Improvement of Two-Mass Vibrating Tubular Conveyers with Two-Cycle Electromagnetic Drive

65 Andriy Kozak

Mathematical Model of Elements of Automated System of Loose Materials Dosing