

CONTENTS

<i>Dömötör, Csaba:</i> Statistical analysis of natural analogy catalogue	5
<i>Kiss, Dániel–Csáki, Tibor:</i> Reverse engineering at the University of Miskolc.....	13
<i>Lyssenko, Valery–Konogonov, Serguey–Zolotarevskiy, Serguey:</i> Different methods for a 3D measurements of surface roughness etalons.....	19
<i>Poroshin, Valery–Bogomolov, Dmitry–Poroshin, Oleg–Lyssenko, Valery:</i> High precision automated measurement system for 3D analysis of surface texture at the nanoscale	27
<i>Poroshin, Valery–Bogomolov, Dmitry–Anosova, Anna–Radygin Victor:</i> Mesoscopic lattice-Boltzmann modelling of flow in thin channel with rough walls	35
<i>Sheipak, Anatoly–Novikov, Pavel:</i> The satellite-based algorithm for determining the location of hydraulic lift.....	45
<i>Takács, Ágnes:</i> Generating concepts with the help of green tips	53
<i>Tóth, Dániel:</i> Examination of ball bearing using stochastic indexes	59
<i>Tóth, Dániel–Szilágyi, Attila–Takács, György:</i> Vibration analysis techniques for rolling element bearing fault detection	65