

3MICT (CONTENT)

<i>Ferencsik V., Gal V.</i> FE investigation of surface burnishing technology abstract.....	3
<i>Fükő L., Illés B., Tamás P., Skapinyecz R., Cservenák Á.</i> Methods for determining maturity evaluation system in «Industry 4.0».....	9
<i>Grabchenko A., Fedorovich V., Pyzhov I., Ostroverkh Y., Kozakova N.</i> 3D methodology of research of diamond-abrasive machining process.....	15
<i>Grabchenko A., Fedorovich V., Pyzhov I., Ostroverkh Y.</i> Increase of efficiency of diamond grinding superhard of materials	24
<i>Kurgan V., Sydorenko I., Litvinov V., Vaysman V., Kirkopulo K., Kulik V.</i> Mathematical modeling of transmission start with an asynchronous electric motor	33
<i>Mitsyk A., Fedorovich V., Grabchenko A.</i> The effect of a shock wave in an oscillating working medium during vibration finishing-grinding processing	43
<i>Molnár V.</i> Designation of evaluation area in measuring 3D surface roughness	56
<i>Nagy A.</i> Influence of measurement settings on areal roughness with confocal chromatic sensor on face-milled surface	65
<i>Papazoglou E.L., Karkalos N.E., Markopoulos A.P., Karmiris-Obrecański P.</i> On the machining of aluminum alloy Al6063 with edm	76
<i>Sztankovics I.</i> Components of the cutting force and their specific values at different feeds in rotational turning	88
<i>Strelchuk R., Shelkovi O.</i> Edm gap modeling at electrical discharge grinding with change of electric polarity	95
<i>Turmanidze R., Popkhadze G., Inasharidze K.</i> Improving the performance characteristics of human hip-joint implants by increasing the quality of processing and geometric accuracy of their spherical surfaces.....	103

<i>Varga G., Ferencsik V.</i> Experimental examination of surface micro-hardness improvement ratio in burnishing of external cylindrical workpieces.....	114
<i>Naddachyn V.</i> Relationship between processing temperature and interruption in the grinding process.....	122
<i>Klymenko G., Vasylchenko Y., Kvashnin V.</i> Modeling of cutting tools wear for lathes	138