

<i>Bambura R., Sujová E., Dado M.</i> Methodical approach for digital modeling of manufacturing processes for future digital twin application	8
<i>Berák M., Helexa M., Kováč J.</i> Analysis of influence of tyre load and pressure on rolling resistance	13
<i>Bliznyukov S.</i> KPI indicators used in quality management system in the organization	20
<i>Dančanin P., Jobbágy J., Krištof K., Mráz M.</i> Automatic management of loading thread conveyor	26
<i>Harvánek P., Kováč J.</i> Analysis of cutting forces in transverse cutting of spruce wood	36
<i>Holúbek M., Vu H., Čedík J., Pexa M.</i> Effect of using biofuels on engine oil	45
<i>Horňák D., Srnánek R., Olejár M., Cviklovič V., Hrubý D.</i> Mathematical model of mobile robot based on differential drive	53
<i>Koleda P.</i> Color determination using an image analysis in Matlab application	60
<i>Koleda P., Barcík Š., Jamberová Z.</i> Effect of temperature of thermal treatment on cutting power when milling thermally treated oak wood	67
<i>Kopčanová S., Kučera M.</i> Condition monitoring of ball bearings in different loading regime	77
<i>Korčok M., Barcík Š., Koleda P.</i> The effect of angular geometry of milling knife on surface quality when plain milling of thermally modified spruce wood	84
<i>Kuře J., Chotěborský R., Hromasová M., Linda M.</i> Using discrete element method simulations in agriculture engineering	98
<i>Kůrka M., Hruška M., Vaculík P.</i> Assessment of differences in the way the steering wheel is held by passenger car drivers depending on the complexity of the traffic situation	105
<i>Kuvik T., Krilek J.</i> Evaluation of lubricating oils based on the weight loss of the cutting part of chainsaw	111
<i>Letsoin S.M.A.</i> A review of Metroxylon Sago as bio-energy alternative in Indonesia	118
<i>Matějka P., Olmr M., Lešetický J.</i> Wildlife detection with using unmanned aerial vehicle	124
<i>Melicherčík J., Krilek J.</i> Cutting force analysis on the delimiting knife with replaceable cutting edge	131
<i>Mikušová L., Dado M.</i> Effect of grain size and type of sander on mass concentration of wood dust emitted during oak wood sanding	137
<i>Nosian J., Kučera M., Kosiba J., Kuchar P.</i> Construction of a hydraulic device to verify the operation of hydrostatic transducers	143
<i>Srnánek R., Horňák D., Cviklovič V., Hrubý D.</i> Implementation of fuzzy control algorithms in object-oriented programming	151
<i>Tamelová B.</i> Effect of Torrefaction process on fuel property of agricultural residue	158