

## Table of Contents

<b>Vyacheslav Loveykin, Juriy Loveykin, Lesya Tkachuk</b> Optimization the Start-up Mode of Bucket Elevator by Criterion of Mean Rate of Change Efforts in Traction Body During Clash on Drive Drum .....	5
<b>Serhiy Pylypaka, Mykola Mukvich</b> Construction of Minimal Surfaces Using Flat Curves with Constant Complex Curvature .....	15
<b>Grigoriy Shkarovsky</b> Substantiation of Main Parameters of Size-Sized Series of Agricultural Energy Solutions .....	25
<b>Serhiy Pylypaka, Andriy Chepyzhniy, Tatyana Kresan</b> Determining Kinematic Characteristics of Planar Mechanisms' Driven Member Using Frenet Trihedron.....	33
<b>Roman Kalinichenko, Valeriy Voytyuk</b> Mathematical Modeling of Drying Process of Plant Material in Drum Dryer at Variable Speed of Movement of Material .....	43
<b>Olexander Shcherbachenko</b> Organizational and Technological Backgrounds of Project Configuration Management for Firefighting .....	49
<b>Ivan Rogovskii, Eugeniusz Krasowski, Valentyna Melnyk</b> Normatives of Technical Operation of Agricultural Machines .....	55
<b>Olexander Brovarets</b> Optimization of Norm of Bringing of Technological Material Taking into Account the Agrobiological State of Agricultural Lands.....	65
<b>Lyudmila Titova, Ivan Rogovskii</b> System of Control of Parameters Technical Condition of Machines for Forestry Work.....	73
<b>Oleksiy Voronkov, Ivan Rogovskii</b> System of Registration and Control the Flight of Transportation of Grain Harvest by Vehicles .....	83
<b>Dmytro Kalinichenko, Ivan Rogovskii</b> Modeling Technology in Centralized Technical Maintenance of Combine Harvesters .....	93
<b>Ivan Rogovskii</b> Choice of Model Class and Method of Modeling the Resilience of Agricultural Machinery .....	103