

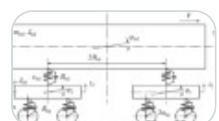
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Development of Electromechanical Manipulators Based on Permanent Magnets



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Simulation of Oscillations of a Type 2a-2a Underframe in the Longitudinal Vertical Plane



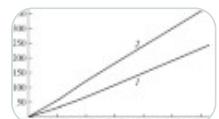
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Developing a Mobile Robotic Facility for Diagnosing Tank Equipment



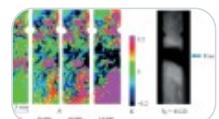
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Simulation of Frictional Temperature under Shear and Velocity Fluctuations



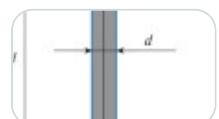
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Analysis of Local Deformation Distributions during the Fracture of a Cracked Sample



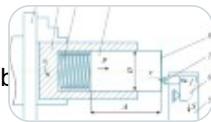
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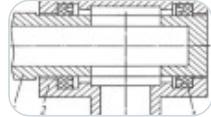


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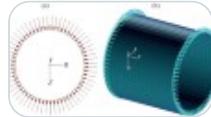
The Effect of the Ultrasonic Processing Mode on Surface Microhardness



Study of the Performance and Reliability of Hydraulic Joints Depending on the Distribution of Seals on the Contact Surfaces and the Amount of Fluid Leakage



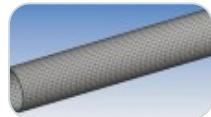
Study of the Stability of a Shell Compressed by External Pressure Taking into Account the Influence of Imperfections



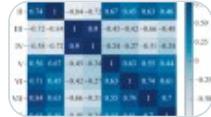
Tribodynamic Analysis of ESVP Filter Failures



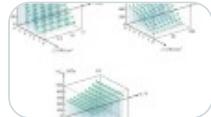
Simulations of the Resource-saving Thermal Process during “Hot” Oil Pumping through a Pipeline



Determining the Surface Energy of Metals Using Machine Learning



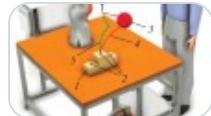
The Combined Influence of the Laser Radiation Parameters on the Mechanical Response of Materials under Laser Shock Peening



Increasing the Accuracy of Electric Drives of Industrial Robots by Using Position Identifiers in Tracking Control Systems



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A Measuring and Recording Complex for Automating the Quality Control of Small Gear Fitting on the Shaft of a Locomotive Traction Motor



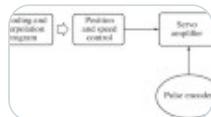
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Adaptive Control of Technological Processes



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Overview of the Machine Tool Servo Drive System Using the FANUC CNC as an Example



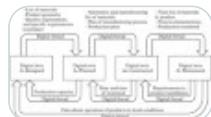
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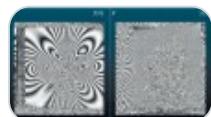
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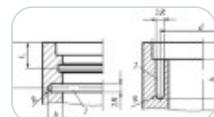
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