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**SCIENTIFIC PROBLEMS  
OF MACHINES OPERATION  
AND MAINTENANCE**

**ZAGADNIENIA EKSPLOATACJI MASZYN**

TRIBOLOGY • RELIABILITY • TEROTECHNOLOGY  
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Mailing address: Scientific Problems of Machines Operation and Maintenance  
Institute for Sustainable Technologies – National Research Institute  
ul. Pułaskiego 6/10, 26-600 Radom, Poland  
Phone (48-48) 364 47 90  
E-mail: ewa.szczepanik@itee.radom.pl

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