

WORKING OUT THE SYSTEM OF TECHNICAL DECISIONS FOR ENSURING THE RELIABILITY OF FRICTION UNITS OF GAS-TURBINE ENGINES

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Results of working out of system of technical decisions for ensuring the high quality of friction units of gas-turbine engines are described in the report, including the model for calculating the wear resistance of friction units, new scratching method and tester for estimating the activation parameters of deformation and destruction of surface layers, methods of hardening the details of friction pairs and other offers.

Reliability, durability, Gas Turbine Engines, scratching, molecular reinforcing, deformation hardening, additives, calculation of wear process

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