

THE DEVICES FOR THE DIAGNOSIS AND CONTROL OF TURBINE BLADES DEFORMATIVE CONDITION DURING OPERATION

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The article gives an overview of known devices for the determination of blades working state in operational conditions, points out to the drawbacks of existing systems, describes the block diagram offered for turbo-units defective blades diagnosis, shows technical characteristics of the devices developed, its tests results and application examples.

Turbomachine, steam turbine, blades, blade condition, diagnostics, sensor, discrete-phase method, measuring, test

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