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Reshetov A.A.
IMPROVING THE EFFICIENCY OF AUTOMATIC CONTROL SYSTEMS GAS COMPRESSOR UNITS
(pp. 16–24)

Annotation. The work is dedicated to the development and application of new methods and means of improving the efficiency of automatic control systems gas compressor units. The need for a combination of the systems of vibration and parametric diagnostics gas compressor units and their automatic control systems is justified. For this purpose, made a theoretical basis and application of a special computer algebra system. It is shown that the transition from planned preventative maintenance of gas compressor units to the system of maintenance of the technical condition is impossible without the use of informative parameters of torsional vibrations of gas compressor units shafting

Keywords: computer algebra system, methods, means, efficiency, automatic control system, vibrodiagnostic monitoring, gas compressor units, defects, torsional vibrations, energy modes

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