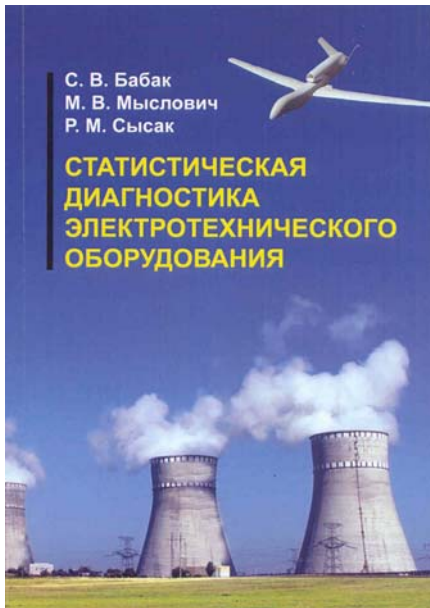


Technical sciences. BABAK S.V., MYSLOVYCH M.V., SYSAK R.M. Statistical diagnostics of electrical equipment. – K.: Institute of Electrodynamics of NAS of Ukraine, 2015. – 456 p. – ISBN: 978-966-02-7704-5.



The monograph outlines the basic concepts, construction principles and practical application of information-measuring systems of statistical diagnostics of electrical equipment. Mathematical probability models of diagnostic signals that occur during operation of such equipment are analyzed; the main research results of their characteristics are given; the methods and means of diagnostics of electrical machinery and their separate units are considered. A considerable attention is paid to the application of modern information technologies when creating remote multifunctional information and measuring systems intended for monitoring and diagnosing equipment of thermal and nuclear power plants, and environmental monitoring in the area of their location using unmanned aerial vehicles.