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ACTUAL TRENDS IN THE ELECTIC DRIVES

ABSTRACT

State of the Art in Electric Drives - Technical aspects about states in electric drives and development trends are discussed. Electric motor, supplying electronic power converter and control system as common parts of electric drive are treated. Development prognosis of electric drives and its parts, based on evolution of technology and topology of components and devices are described. Clearly, the main attention is dedicated to electric drives with induction motors.

Keywords: Electric Drive, Electronic Power Converter, Control System, Induction Motor, Digital Signal Processor (DSP).