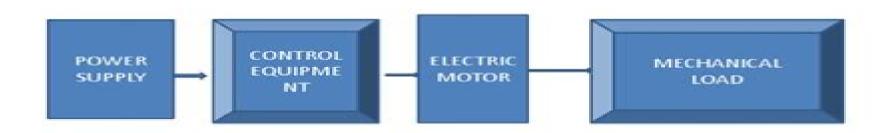
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Electrical Machine Drives Control Juha Pyrhonen, Valeria Hrabovcova, R. Scott Semken, 2016-10-10 This comprehensive text examines existing and emerging electrical drive technologies. The authors clearly define the most basic electrical drive concepts and go on to explain the most important details while maintaining a solid connection to the theory and design of the associated electrical machines Also including links to a number of industrial applications the authors take their investigation of electrical drives beyond theory to examine a number of practical aspects of electrical drive control and application Key features Provides a comprehensive summary of all aspects of controlled speed electrical drive technology including control and operation Handling of electrical drives is solidly linked to the theory and design of the associated electrical machines Added insight into problems and functions are illustrated with clearly understandable figures Offers an understanding of the main phenomena associated with electrical machine drives Considers the problem of bearing currents and voltage stresses of an electrical drive Includes up to date theory and design guidelines taking into account the most recent advances This book s rigorous coverage of theoretical principles and techniques makes for an excellent introduction to controlled speed electrical drive technologies for Electrical Engineering MSc or PhD students studying electrical drives It also serves as an excellent reference for practicing electrical engineers looking to carry out design analyses and development Annual Report of the Nebraska State Board of Examiners for Professional Engineers of controlled speed electrical drives and Architects Nebraska. State Board of Examiners for Professional Engineers and Architects, 2003 Consulting Index to IEEE Publications Institute of Electrical and Electronics **Engineer** ,1961-07 The Mechanical World ,1915 Monthly Index of Russian Accessions Library of Congress. Processing Department, 1969-03 Engineers, 1995 **Annual** Report and Roster Indiana State Board of Registration for Professional Engineers and Land Surveyors, 1953 New York Review of the Telegraph and Telephone and Electrical Journal, 1893 **Indian Science Abstracts** ,1976 ISA Directory of Instrumentation Instrument Society of America, 1998 **ASHRAE Handbook & Product Directory** American Society of Heating, Refrigerating and Air-Conditioning Engineers, 1980 American Export Register ,1998

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