

# Digital control of electrical drives pdf

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Each chapter is followed by a set of Matlab® and Simulink® tools which help readers master the phases of design, tuning, simulation, and evaluation of discrete time controllers, and foresee the effects of The ease of controlling electrical drives is an important aspect for meeting the in creasing demands by the user with respect to flexibility and precision, caused by technological progress in industry as well as the need for energy conser vation. Digital Control of Electrical Drives offers insight into electric drives and their usage in motion control environment. Authors: Werner Leonhard. Part of the book series: Power Systems (POWSYS)k AccessesCitations. Each chapter is followed by a set of Matlab and Simulink tools which help readers master the phases of design, tuning, simulation, and evaluation of discrete time controllers, and foresee the effects of About this book. About this book. At the same time, the control of electrical drives has provided strong incentives to control Before going deeper into the contents of this Digital Control of Electrical Drives offers insight into electric drives and their usage in motion control environment. Download book PDF. Overview. It provides links among electrical machine and control theory Digital Control of Electrical Drives helps the reader acquire practical skills in designing discrete-time speed and position controllers. Digital Control of Electrical Drives offers insight into electric drives and their usage in motion control environment. It provides links among electrical machine and control Provides an overall understanding of all aspects of AC electrical drives, from the motor and converter to the implemented control algorithm, with minimum mathematics This book is intended for engineering students in the final years of undergraduate studies. It is also recommended for graduate students and engineers aspiring to work in intelligent "Digital Control of Electrical Drives helps the reader to acquire practical skills in designing discrete-time speed and position controllers. The book prepares the reader to understand the key elements of Abstract. It provides links among electrical machine and control theory, practical hardware aspects, programming issues, and application-specific problems. Electrical drives The aim of this thesis is to present several digital motion control techniques that could be applied in the area of electrical drives.

 Difficulté Difficile

 Durée 560 minute(s)

 Catégories Vêtement & Accessoire, Décoration, Alimentation & Agriculture, Bien-être & Santé, Science & Biologie

 Coût 469 EUR (€)

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Étape 1 -

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