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MATLAB Books PDF Downloads**High-Performance-Control-Of-Ac** discussion on the modelling, analysis and control of three- and multi-phase AC machine drives, including the recently developed multi-phase-phase drive system and double fed induction machine; description of model predictive control applied to power converters and AC drives, illustrated together with their simulation models;

High-Performance-Control-of-AC-Drives-with-MATLAB/Simulink---

Written for undergraduate and graduate students, High Performance Control of AC Drives with MATLAB/Simulink Models illustrates advanced control techniques and topologies in practice and recently deployed. Examples include vector control, direct torque control, nonlinear control, predictive control, multiphase drives, and multilevel inverters.

High-Performance-Control-of-AC-Drives-with-MATLAB/Simulink---

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Review-of-a-high-performance-control-of-ac-signals-based---

This book presents a comprehensive view of high performance ac drives. It may be considered as both a text book for graduate students and as an up-to-date monograph. It may also be used by R & D professionals involved in the improvement of performance of drives in the industries. The book will also be beneficial to the researchers pursuing work on multiphase drives as well as sensorless and direct torque control of electric drives since up-to date references in these topics are provided.

High-Performance-AC-Drives | SpringerLink

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High-Performance Drivers for Motor Control. By Maurizio Di Paolo Emilio for Mouser Electronics. Electric motors represent an essential component in the industrial sector, where they are used for fans, pumps, and other types of machinery in a wide variety of applications.

High-Performance-Drivers-for-Motor-Control | Mouser

title = "A Very Simple Strategy for High Quality Performance of AC Machines Using Model Predictive Control", abstract = "This paper presents a new and very simple strategy for torque and flux control of AC machines. The method is based on Model Predictive Control and uses one cost function for the torque and a separate cost function for the flux. This strategy introduces a drastic simplification, achieving a very fast dynamic behavior in the controlled machines.

A-Very-Simple-Strategy-for-High-Quality-Performance-of-AC---

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Sensorless-Speed-Control-of-AC-Machines—High-Performance---

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Abstract. This paper proposes a novel control topology for a mains isolated single conversion audio amplifier and DC-AC converters. The topology is made for use in audio applications, and differs from prior art in terms of significantly reduced distortion as well as lower system complexity. The topology can be useful in a wide range of DC-AC applications such as motor drives or UPS systems requiring mains isolation as well.

Single-conversion-audio-amplifier-and-DC-AC-converters---

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High Performance of Direct Torque and Flux Control of a Double Stator Induction Motor Drive with a Fuzzy Stator Resistance Estimator In order to have stable and high performance of direct torque and flux control (DTFC) of double star induction motor drive (DSIM), proper on-line adaptation of the stator resistance is very important. This ...

High-Performance-of-Direct-Torque-and-Flux-Control-of-a---

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