



Control of Non-conventional Synchronous Motors

Jean-Paul Louis

[Download now](#)

[Read Online ➔](#)

[Click here](#) if your download doesn't start automatically

Control of Non-conventional Synchronous Motors

Jean-Paul Louis

Control of Non-conventional Synchronous Motors Jean-Paul Louis

Classical synchronous motors are the most effective device to drive industrial production systems and robots with precision and rapidity. However, numerous applications require efficient controls in non-conventional situations.

Firstly, this is the case with synchronous motors supplied by thyristor line-commutated inverters, or with synchronous motors with faults on one or several phases.

Secondly, many drive systems use non-conventional motors such as polyphase (more than three phases) synchronous motors, synchronous motors with double excitation, permanent magnet linear synchronous motors, synchronous and switched reluctance motors, stepping motors and piezoelectric motors.

This book presents efficient controls to improve the use of these non-conventional motors.

Contents

1. Self-controlled Synchronous Motor: Principles of Function and Simplified Control Model, Francis Labrique and François Baudart.
2. Self-controlled Synchronous Motor: Dynamic Model Including the Behavior of Damper Windings and Commutation Overlap, Ernest Matagne.
3. Synchronous Machines in Degraded Mode, Damien Flieller, Ngac Ky Nguyen, Hervé Schwab and Guy Sturtzer.
4. Control of the Double-star Synchronous Machine Supplied by PWM Inverters, Mohamed Fouad Benkhoris.
5. Vectorial Modeling and Control of Multiphase Machines with Non-salient Poles Supplied by an Inverter, Xavier Kestelyn and Éric Semail.
6. Hybrid Excitation Synchronous Machines, Nicolas Patin and Lionel Vido.
7. Advanced Control of the Linear Synchronous Motor, Ghislain Remy and Pierre-Jean Barre.
8. Variable Reluctance Machines: Modeling and Control, Mickael Hilairet, Thierry Lubin and Abdelmounaïm Tounzi.
9. Control of the Stepping Motor, Bruno Robert and Moez Feki .
10. Control of Piezoelectric Actuators, Frédéric Giraud and Betty Lemaire-Semail.



[Download Control of Non-conventional Synchronous Motors ...pdf](#)



[Read Online Control of Non-conventional Synchronous Motors ...pdf](#)

Download and Read Free Online Control of Non-conventional Synchronous Motors Jean-Paul Louis

Download and Read Free Online Control of Non-conventional Synchronous Motors Jean-Paul Louis

From reader reviews:

Marjorie Wright:

Nowadays reading books become more than want or need but also work as a life style. This reading routine give you lot of advantages. The huge benefits you got of course the knowledge even the information inside the book which improve your knowledge and information. The information you get based on what kind of e-book you read, if you want get more knowledge just go with schooling books but if you want feel happy read one along with theme for entertaining for example comic or novel. Typically the Control of Non-conventional Synchronous Motors is kind of e-book which is giving the reader unstable experience.

Deb Valdez:

The reserve untitled Control of Non-conventional Synchronous Motors is the book that recommended to you to read. You can see the quality of the publication content that will be shown to you. The language that creator use to explained their ideas are easily to understand. The article writer was did a lot of investigation when write the book, therefore the information that they share for you is absolutely accurate. You also can get the e-book of Control of Non-conventional Synchronous Motors from the publisher to make you considerably more enjoy free time.

Christopher Small:

The book untitled Control of Non-conventional Synchronous Motors contain a lot of information on the item. The writer explains your girlfriend idea with easy means. The language is very simple to implement all the people, so do not worry, you can easy to read that. The book was written by famous author. The author will take you in the new period of literary works. You can read this book because you can read on your smart phone, or product, so you can read the book within anywhere and anytime. If you want to buy the e-book, you can wide open their official web-site as well as order it. Have a nice study.

Drew Dube:

What is your hobby? Have you heard that will question when you got scholars? We believe that that issue was given by teacher for their students. Many kinds of hobby, Everybody has different hobby. And also you know that little person just like reading or as reading become their hobby. You need to know that reading is very important along with book as to be the thing. Book is important thing to provide you knowledge, except your personal teacher or lecturer. You discover good news or update about something by book. A substantial number of sorts of books that can you take to be your object. One of them are these claims Control of Non-conventional Synchronous Motors.

**Download and Read Online Control of Non-conventional
Synchronous Motors Jean-Paul Louis #R3071XC2M9S**

Read Control of Non-conventional Synchronous Motors by Jean-Paul Louis for online ebook

Control of Non-conventional Synchronous Motors by Jean-Paul Louis Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Control of Non-conventional Synchronous Motors by Jean-Paul Louis books to read online.

Online Control of Non-conventional Synchronous Motors by Jean-Paul Louis ebook PDF download

Control of Non-conventional Synchronous Motors by Jean-Paul Louis Doc

Control of Non-conventional Synchronous Motors by Jean-Paul Louis MobiPocket

Control of Non-conventional Synchronous Motors by Jean-Paul Louis EPub

Control of Non-conventional Synchronous Motors by Jean-Paul Louis Ebook online

Control of Non-conventional Synchronous Motors by Jean-Paul Louis Ebook PDF