



DOWNLOAD



Eddy Currents in Windings of Switched Reluctance Machines

By Christian Carstensen

Shaker Verlag Mai 2008, 2008. Taschenbuch. Book Condition: Neu. 21x14.8x cm. Neuware - Within this work a switched reluctance traction drive was investigated at the Institute for Power Electronics and Electrical Drives (ISEA) in Aachen. Three different winding geometries were applied to the prototype machine. Measurements resulted in distinct differences of machine efficiency (88.5 %, 90.5 %, 93.4 %), obviously originated in different eddy current losses. The publication of Klauz is the first and only known work in which eddy currents in switched reluctance machines were calculated by finite element simulations. The average copper losses of a low voltage machine with four turns per coil were found to vary by over 600 % between the different conductors. Klauz' results confirm clearly the need to consider eddy current losses in the design process of new machine designs. However, the presented simulation models need to be built manually for each investigated geometry. Thus, a variation of the winding geometry implies an unreasonable effort. Moreover, solely single pulse operation was investigated. The main objective of this thesis lies in the development of a universal simulation process for switched reluctance machines that includes eddy current losses and allows the operation with different control structures...



READ ONLINE
[5.77 MB]

Reviews

Very beneficial to all category of folks. We have study and that i am sure that i will planning to go through yet again in the future. Its been printed in an extremely straightforward way in fact it is just soon after i finished reading this pdf where actually changed me, alter the way i really believe.

-- **Emmett Mann**

Comprehensive information! Its this sort of great go through. It really is rally interesting throug studying time. I am just quickly can get a satisfaction of looking at a created pdf.

-- **Alexandra Weissnat**

Related Kindle Books



Psychologisches Testverfahren

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG, Eignungstest für das Medizinstudium, Adult Attachment Interview,...



Read Write Inc. Phonics: Yellow Set 5 Storybook 4 the Gingerbread Man (Paperback)

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 210 x 146 mm. Language: N/A. Brand New Book. These engaging Storybooks provide structured practice for children learning to read the Read Write Inc. Set 1 and 2 sounds....



Programming in D

Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers who are new to computer programming. Although...



Adobe Indesign CS/Cs2 Breakthroughs

Peachpit Press, 2005. Softcover. Book Condition: Neu. Gebrauch - Sehr gut Unbenutzt. Schnelle Lieferung, Kartonverpackung. Abzugsfähige Rechnung. Bei Mehrfachbestellung werden die Versandkosten anteilig erstattet. - Adobe InDesign is taking the publishing world by storm and users are hungry for breakthrough solutions to...



Have You Locked the Castle Gate?

Addison-Wesley Professional. Softcover. Book Condition: Neu. Gebrauch - Sehr gut Unbenutzt. Schnelle Lieferung, Kartonverpackung. Abzugsfähige Rechnung. Bei Mehrfachbestellung werden die Versandkosten anteilig erstattet. - Is your computer safe Could an intruder sneak in and steal your information, or plant a virus Have...



The Java Tutorial (3rd Edition)

Pearson Education, 2001. Softcover. Book Condition: Neu. Gebrauch - Sehr gut Unbenutzt. Schnelle Lieferung, Kartonverpackung. Abzugsfähige Rechnung. Bei Mehrfachbestellung werden die Versandkosten anteilig erstattet. - Praise for "The Java' Tutorial, Second Edition" includes: "This book stands above the rest because it has..."