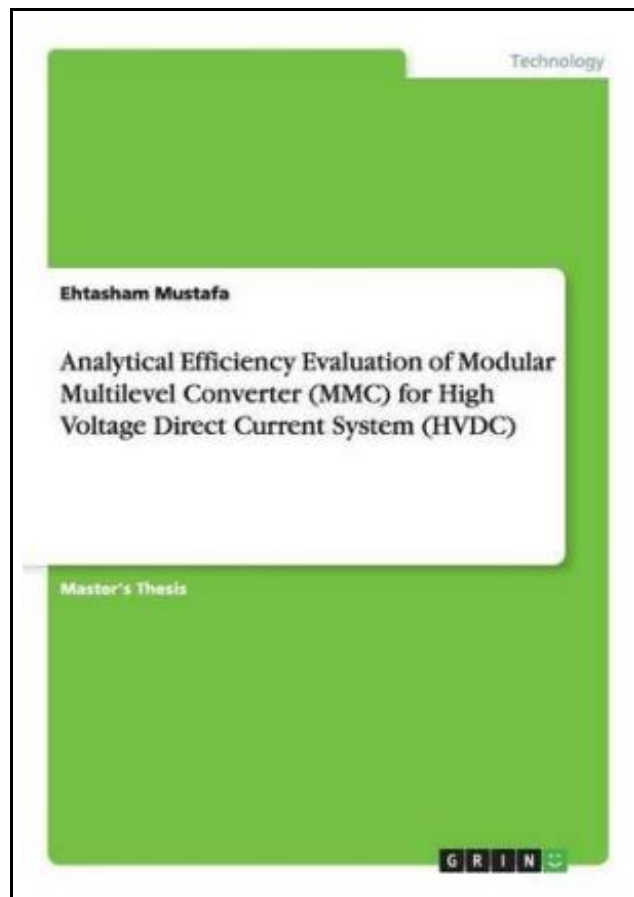


Analytical Efficiency Evaluation of Modular Multilevel Converter (MMC) for High Voltage Direct Current System (HVDC)



Filesize: 7.79 MB

Reviews

Merely no words and phrases to describe. I really could comprehend almost everything using this created e pdf. Your daily life period will be change once you full reading this ebook.

(Mr. Ladarius Stoltenberg)

ANALYTICAL EFFICIENCY EVALUATION OF MODULAR MULTILEVEL CONVERTER (MMC) FOR HIGH VOLTAGE DIRECT CURRENT SYSTEM (HVDC)



To download **Analytical Efficiency Evaluation of Modular Multilevel Converter (MMC) for High Voltage Direct Current System (HVDC)** eBook, make sure you access the web link under and save the document or gain access to other information which might be relevant to ANALYTICAL EFFICIENCY EVALUATION OF MODULAR MULTILEVEL CONVERTER (MMC) FOR HIGH VOLTAGE DIRECT CURRENT SYSTEM (HVDC) book.

GRIN Verlag Feb 2016, 2016. Taschenbuch. Book Condition: Neu. 210x148x9 mm. This item is printed on demand - Print on Demand Neuware - Master's Thesis from the year 2014 in the subject Electrotechnology, University of Peshawar (University of Engineering and Technology, Peshawar, Pakistan), course: High Voltage Direct Current, language: English, abstract: Modular Multilevel Converter (MMC) has become the most concerned converter topology in the High Voltage Direct Current (HVDC) transmission system, in recent times. The low switching frequency, low converter losses and flexible control made it most attractive topology. It is important to make a research on the loss calculation method of MMC and state formulae for the losses as it is a vital step during the design stage of the MMC based HVDC system. In this research work, the structure of MMC based HVDC system is discussed. Three sub module topologies'; half bridge, full bridge and clamp double sub module, are discussed. A method based on the average and root mean square (RMS) values of the current passing through the sub module is discussed. The conversion losses in the switching devices of the sub modules are calculated using the method. A cases study is taken into consideration then with certain parameters. Using these parameters a MATLAB program is developed. With the help of the program the losses and efficiency curves for each switching device by taking each sub module separately are obtained respectively. A comparison of the losses and efficiency of each sub module is also discussed. At the end those factors which effect the losses and efficiency of the sub module are discussed along with the certain aspects for the directions of future work. 132 pp. Englisch.



Read Analytical Efficiency Evaluation of Modular Multilevel Converter (MMC) for High Voltage Direct Current System (HVDC) Online



Download PDF Analytical Efficiency Evaluation of Modular Multilevel Converter (MMC) for High Voltage Direct Current System (HVDC)



Download ePub Analytical Efficiency Evaluation of Modular Multilevel Converter (MMC) for High Voltage Direct Current System (HVDC)

Related Books



[PDF] Psychologisches Testverfahren

Access the hyperlink below to download "Psychologisches Testverfahren" PDF document.

[Download ePub »](#)



[PDF] Programming in D

Access the hyperlink below to download "Programming in D" PDF document.

[Download ePub »](#)



[PDF] No Friends?: How to Make Friends Fast and Keep Them

Access the hyperlink below to download "No Friends?: How to Make Friends Fast and Keep Them" PDF document.

[Download ePub »](#)



[PDF] Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: (Learn to Read Crochet Patterns, Charts, and Graphs, Beginner s Crochet Guide with Pictures)

Access the hyperlink below to download "Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: (Learn to Read Crochet Patterns, Charts, and Graphs, Beginner s Crochet Guide with Pictures)" PDF document.

[Download ePub »](#)



[PDF] How to Make a Free Website for Kids

Access the hyperlink below to download "How to Make a Free Website for Kids" PDF document.

[Download ePub »](#)



[PDF] Tinga Tinga Tales: Why Lion Roars - Read it Yourself with Ladybird

Access the hyperlink below to download "Tinga Tinga Tales: Why Lion Roars - Read it Yourself with Ladybird" PDF document.

[Download ePub »](#)



[PDF] Would It Kill You to Stop Doing That?

Follow the hyperlink listed below to download and read "Would It Kill You to Stop Doing That?" PDF document.

[Save Book »](#)



[PDF] Talking Digital: A Parent s Guide for Teaching Kids to Share Smart and Stay Safe Online

Follow the hyperlink listed below to download and read "Talking Digital: A Parent s Guide for Teaching Kids to Share Smart and Stay Safe Online" PDF document.

[Save Book »](#)



[PDF] Hope for Autism: 10 Practical Solutions to Everyday Challenges

Follow the hyperlink listed below to download and read "Hope for Autism: 10 Practical Solutions to Everyday Challenges" PDF document.

[Save Book »](#)



[PDF] A Parent s Guide to STEM

Follow the hyperlink listed below to download and read "A Parent s Guide to STEM" PDF document.

[Save Book »](#)



[PDF] Three Bavarian Dances, Op.27a: Study Score

Follow the hyperlink listed below to download and read "Three Bavarian Dances, Op.27a: Study Score" PDF document.

[Save Book »](#)



[PDF] Read Write Inc. Phonics: Yellow Set 5 Storybook 7 Do We Have to Keep it?

Follow the hyperlink listed below to download and read "Read Write Inc. Phonics: Yellow Set 5 Storybook 7 Do We Have to Keep it?" PDF document.

[Save Book »](#)