

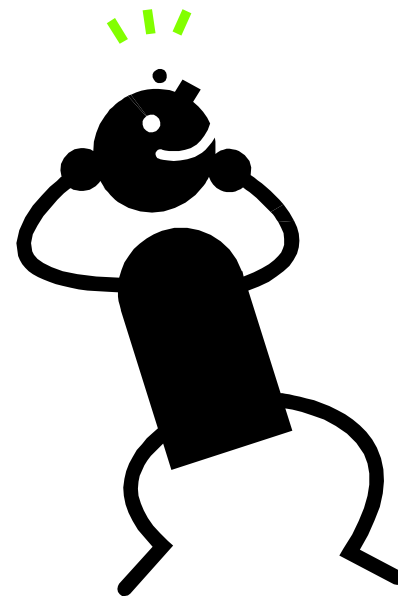
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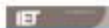
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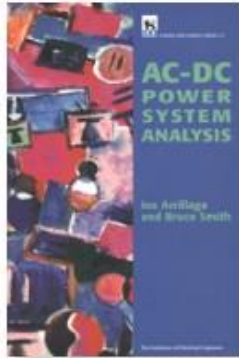
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舉例：搜尋電子書畫面

AC-DC Power System Analysis



Author(s): Jos Arrillaga¹, Bruce Smith¹

¹ University of Canterbury, New Zealand

Published: 1998

Print ISBN13: 9780852969342

eISBN: 9781849194396

DOI: <http://dx.doi.org/10.1049/PBPO027E>

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Description

Covers the incorporation of AC DC converters and DC transmission in power system analysis.

Keywords

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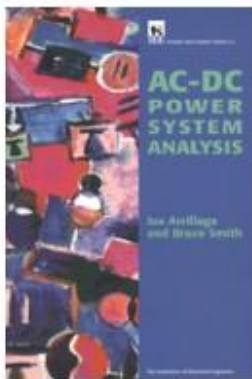
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Chapter 1, Introduction

from: AC-DC Power System Analysis

Author(s): Jos Arrillaga¹, Bruce Smith¹

¹ University of Canterbury, New Zealand



Published: 1998
 Chapter DOI: http://dx.doi.org/10.1049/PBPO027E_ch1
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- 1.1 Basic AC-DC configuration
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- 1.3 Steady-state simulation
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Abstract

摘要

The three-phase bridge is the basic switching unit used for the conversion of power from AC to DC and from DC to AC. The valve numbers indicate the sequence of their conduction with reference to the positive sequence of the AC-system phases (R, Y, B). Two series-connected bridges constitute a 12-pulse converter group, the most commonly used configuration in high-voltage and large-power applications. Although the analysis described in this book relates specifically to the 12-pulse converter and a point-to-point DC link, the proposed algorithms can easily be extended to higher pulse converters and multiterminal AC-DC interconnections.

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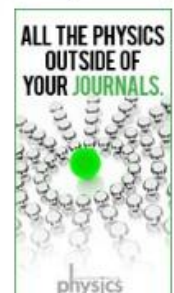


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