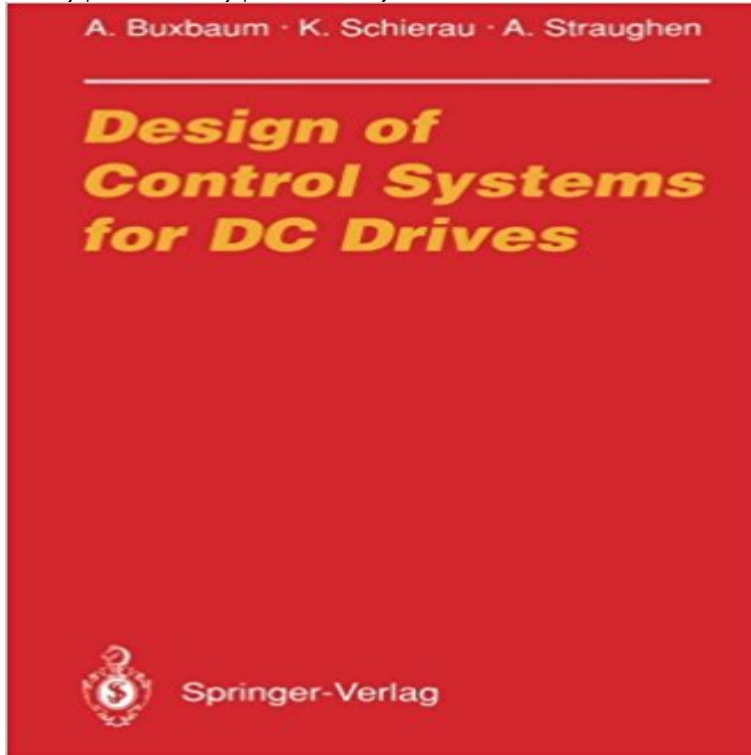


Design of Control Systems for DC Drives (Electric Energy Systems and Engineering Series)



In 1965-66 the authors have given courses for AEG engineers in the area of Industrial Installations. The purpose of the courses was to enable the participants to carry out calculations on feedback control for drive systems. In 1967 these courses were printed under the title Calculation of Feedback Control Circuits for Drive Systems. This handbook with the same title arises out of the revision of that publication. The scope was extended by the addition of new sections. Today, many specialized books and publications in the area of control technology are available to the reader. Most of them are characterized by a presentation of the mathematical theory of the fundamental concept and procedures involved. However, there are few instruction books containing worked examples on the practical application of those procedures. This book is intended to introduce the reader to the practical calculation of feedback control circuits without too much theory. Electric drives were chosen as the area of application. In an instruction book with examples of application, the problem arises of reducing the theoretical treatment of fundamentals and the mathematical derivations without gaps arising and without the necessity for consulting additional works of reference. The chosen way may be briefly explained.

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