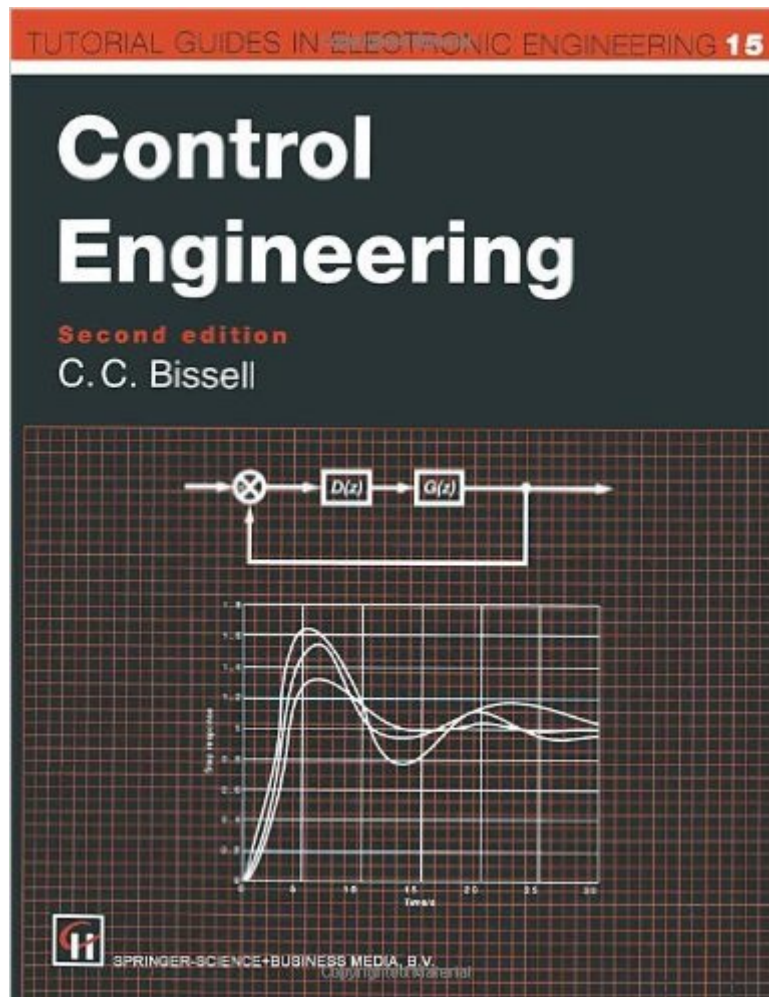The book was found

Control Engineering, 2nd Edition (Tutorial Guides In Electronic Engineering)

Synopsis

Since its inception, the Tutorial Guides in Electronic Engineering series has met with great success among both instructors and students. Designed for first- and second-year undergraduate courses, each text provides a concise list of objectives at the beginning of every chapter, key definitions and formulas highlighted in margin notes, and references to other texts in the series.With emphasis on the fundamental ideas and applications of modelling and design, Control Engineering imparts a thorough understanding of the principles of feedback control. Simple but detailed design examples used throughout the book illustrate how various classical feedback control techniques can be employed for single-input, single-output systems. Noting the interdisciplinary nature of control engineering, the author makes the text equally relevant to students whose interests lie outside of electronics by concentrating on general systems characteristics rather than on specific implementations.The author assumes students are familiar with complex numbers, phasors, and elementary calculus, and while a knowledge of simple linear differential equations would be useful, this treatment has few other mathematical requirements. With its clear explanations, copious illustrations, well-chosen examples, and end-of-chapter exercises, Control Engineering forms an outstanding first-course textbook.

Book Information

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