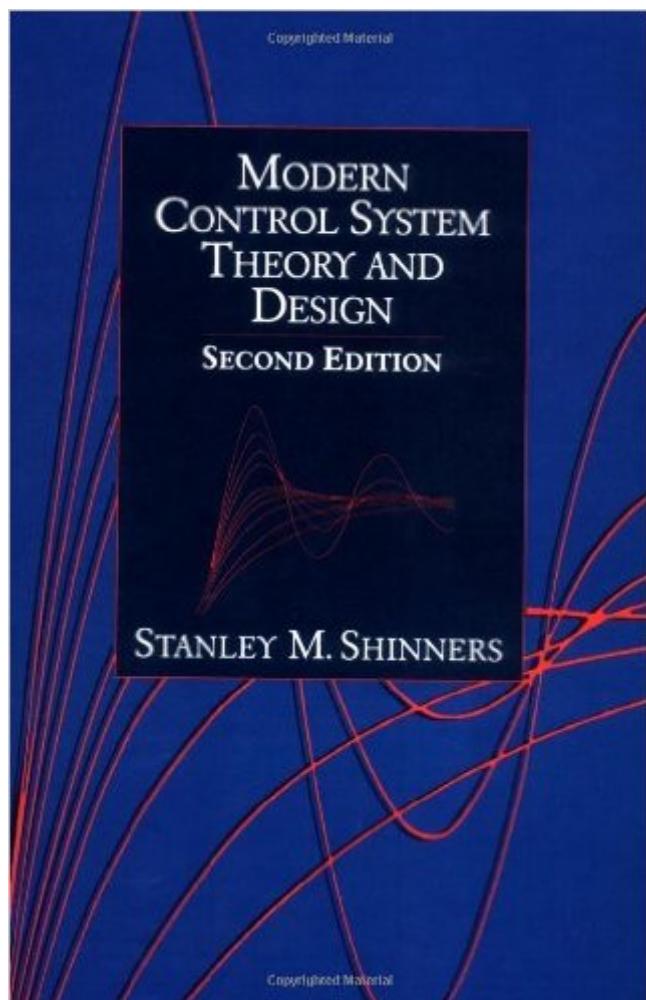


The book was found

Modern Control System Theory And Design, 2nd Edition



Synopsis

The definitive guide to control system design *Modern Control System Theory and Design*, Second Edition offers the most comprehensive treatment of control systems available today. Its unique text/software combination integrates classical and modern control system theories, while promoting an interactive, computer-based approach to design solutions. The sheer volume of practical examples, as well as the hundreds of illustrations of control systems from all engineering fields, make this volume accessible to students and indispensable for professional engineers. This fully updated Second Edition features a new chapter on modern control system design, including state-space design techniques, Ackermann's formula for pole placement, estimation, robust control, and the H method for control system design. Other notable additions to this edition are:

- * Free MATLAB software containing problem solutions, which can be retrieved from The Mathworks, Inc., anonymous FTP server at <ftp://ftp.mathworks.com/pub/books/shinners>
- * Programs and tutorials on the use of MATLAB incorporated directly into the text
- * A complete set of working digital computer programs
- * Reviews of commercial software packages for control system analysis
- * An extensive set of new, worked-out, illustrative solutions added in dedicated sections at the end of chapters
- * Expanded end-of-chapter problems--one-third with answers to facilitate self-study
- * An updated solutions manual containing solutions to the remaining two-thirds of the problems

Superbly organized and easy-to-use, *Modern Control System Theory and Design*, Second Edition is an ideal textbook for introductory courses in control systems and an excellent professional reference. Its interdisciplinary approach makes it invaluable for practicing engineers in electrical, mechanical, aeronautical, chemical, and nuclear engineering and related areas.

Book Information

Hardcover: 720 pages

Publisher: Wiley-Interscience; 2nd edition (May 6, 1998)

Language: English

ISBN-10: 0471249068

ISBN-13: 978-0471249061

Product Dimensions: 7.2 x 1.6 x 10.4 inches

Shipping Weight: 2.8 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #262,851 in Books (See Top 100 in Books) #12 in Books > Computers & Technology > Hardware & DIY > Microprocessors & System Design > Control Systems #36

inÂ Books > Engineering & Transportation > Engineering > Aerospace > Aircraft Design & Construction #128 inÂ Books > Textbooks > Engineering > Aeronautical Engineering

[Download to continue reading...](#)

Modern Control System Theory and Design, 2nd Edition Model Predictive Control System Design and Implementation Using MATLABÂ® (Advances in Industrial Control) NLP: Neuro Linguistic Programming: Re-program your control over emotions and behavior, Mind Control - 3rd Edition (Hypnosis, Meditation, Zen, Self-Hypnosis, Mind Control, CBT) Feedback Control Problems Using MATLAB and the Control System Toolbox (Bookware Companion (Paperback)) Feng Shui: Wellness and Peace- Interior Design, Home Decorating and Home Design (peace, home design, feng shui, home, design, home decor, prosperity) System Performance Tuning, 2nd Edition (O'Reilly System Administration) Beyond Initial Response--2Nd Edition: Using The National Incident Management System Incident Command System Digital Control System Analysis and Design (3rd Edition) Wind Turbine Control Systems: Principles, Modelling and Gain Scheduling Design (Advances in Industrial Control) Digital Control System Analysis & Design (4th Edition) Computer-Aided Control System Design Using Matlab Control System Design: An Introduction to State-Space Methods (Dover Books on Electrical Engineering) ARM System Developer's Guide: Designing and Optimizing System Software (The Morgan Kaufmann Series in Computer Architecture and Design) Communications for Control in Cyber Physical Systems: Theory, Design and Applications in Smart Grids System Analysis & Design with Case Studies: start system presentation Linear System Theory and Design (The Oxford Series in Electrical and Computer Engineering) The Design and Implementation of the FreeBSD Operating System (2nd Edition) Modern Control Systems Analysis and Design Using MATLAB and Simulink Database Design and Relational Theory: Normal Forms and All That Jazz (Theory in Practice) Computers as Components, Third Edition: Principles of Embedded Computing System Design (The Morgan Kaufmann Series in Computer Architecture and Design)

[Dmca](#)