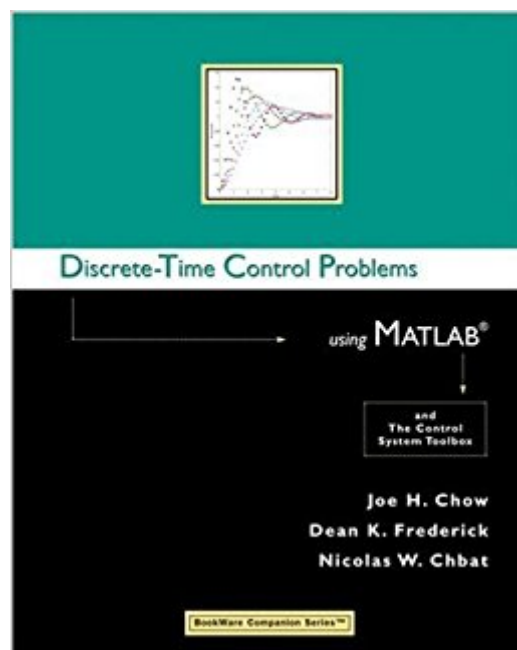




The book was found

Discrete-Time Control Problems Using MATLAB (Bookware Companion Series (Pacific Grove, Calif.).)



Synopsis

Using the power of MATLAB and its Control System Toolbox, this book is the ideal supplement for a digital control systems course. Students are able to use a digital computer to rapidly work a wide range of numerical problems and gain deeper insight in control design. The book is built around illustrative examples that demonstrate the steps involved in the analysis and design process. The examples are followed by a variety of problems that span the spectrum from follow-up what-if problems, to simple textbook-type reinforcement problems, to open-ended exploratory problems, and to realistic comprehensive problems. This book is part of the Bookware Companion Series.

Book Information

Series: Bookware Companion Series (Pacific Grove, Calif.).

Paperback: 269 pages

Publisher: CL Engineering; 1 edition (October 7, 2002)

Language: English

ISBN-10: 0534384773

ISBN-13: 978-0534384777

Product Dimensions: 8.9 x 6.6 x 0.4 inches

Shipping Weight: 1 pounds

Average Customer Review: Be the first to review this item

Best Sellers Rank: #626,157 in Books (See Top 100 in Books) #129 in [Books > Textbooks > Engineering > Electrical & Electronic Engineering](#) #336 in [Books > Computers & Technology > Computer Science > Robotics](#) #503 in [Books > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Robotics & Automation](#)

Customer Reviews

"It does not have the 'dryness' of a traditional textbook at all. It is full of excitement when going through some of the problems in the book. The selection of the examples in the book is excellent." "An outstanding feature of the book is the integration of real-world applications throughout the exploration and comprehensive problem sets, e.g. ball and beam system, inverted pendulum system, etc. By connecting the MATLAB work with applications that the students can easily visualize, the book's homework exercises are extremely useful learning aids. The students will definitely feel that they have learned something worthwhile after working through these homework problems."

Joe H. Chow is a Professor at Rensselaer Polytechnic Institute and a Registered Professional Engineer, State of New York, since 1983. In 1979, he won the Donald P. Eckman award from the American Automatic Control Council for outstanding contributions to control engineering by a young engineer. He has served as the Associate Editor for Automatica and IEEE Transactions on Automatic Control. Dr. Chow has also participated on the NSF Initiation Grant Review Committee, NSF Presidential Young Investigator Grant Review Committee, and the NSF Small Business Innovative Research Grant Review Committee. Nicolas W. Chbat received his Ph.D., focusing on a soft computing application to learning control, from Columbia University, New York City, in 1996. Since then, he has been with General Electric's Corporate RandD Center, working on diagnostics, modeling, and control, using knowledge- and rule-based as well as classical methods for GE products.

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

Discrete-Time Control Problems Using MATLAB (Bookware Companion Series (Pacific Grove, Calif.)) Signals and Systems using MATLAB, Second Edition (Signals and Systems Using MATLAB w/ Online Testing) The New Grove Russian Masters I: Glinka, Borodin, Balakirev, Musorgsky, Tchaikovsky (The New Grove Series) The New Grove Italian Baroque Masters: Monteverdi, Frescobaldi, Cavalli, Corelli, A. Scarlatti, Vivaldi, D. Scarlatti (The New Grove Series) The New Grove French Baroque Masters: Lully, Charpentier, Lalande, Couperin, Rameau (The New Grove Series) New Grove Twentieth Century English Masters: Elgar, Delius, Vaughan Williams, Holst, Walton, Tippett, Britten (New Grove Composer Biography Series) The New Grove Second Viennese School: Schoenberg, Webern, Berg (The New Grove Series) Beauty in the Grove: Spring Grove Cemetery & Arboretum The New Grove Masters of Italian Opera: Rossini, Donizetti, Bellini, Verdi, Puccini (New Grove Composer Biographies) The New Grove Guide to Verdi and His Operas (New Grove Operas) The New Grove Guide to Wagner and His Operas (New Grove Operas) Accelerating MATLAB Performance: 1001 tips to speed up MATLAB programs Image Processing with MATLAB: Applications in Medicine and Biology (MATLAB Examples) The Trail Book for Monterey (Calif) and Surrounding Area Prostate Problems Home Remedies, How To Fight Prostate Problems At Home, Get Rid Of Prostate Problems Fast!: Back On Track - Fighting Prostate Problems At Home Advanced Electric Drives: Analysis, Control, and Modeling Using MATLAB / Simulink Carmel, Monterey & Pacific Grove: Getaway Guide to California's Monterey Peninsula Structural Dynamics of Earthquake Engineering: Theory and Application Using Mathematica and Matlab (Woodhead Publishing Series in Civil and Structural Engineering) Robotics, Vision and Control: Fundamental Algorithms in MATLAB (Springer Tracts in Advanced Robotics) Robotics, Vision and Control:

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)