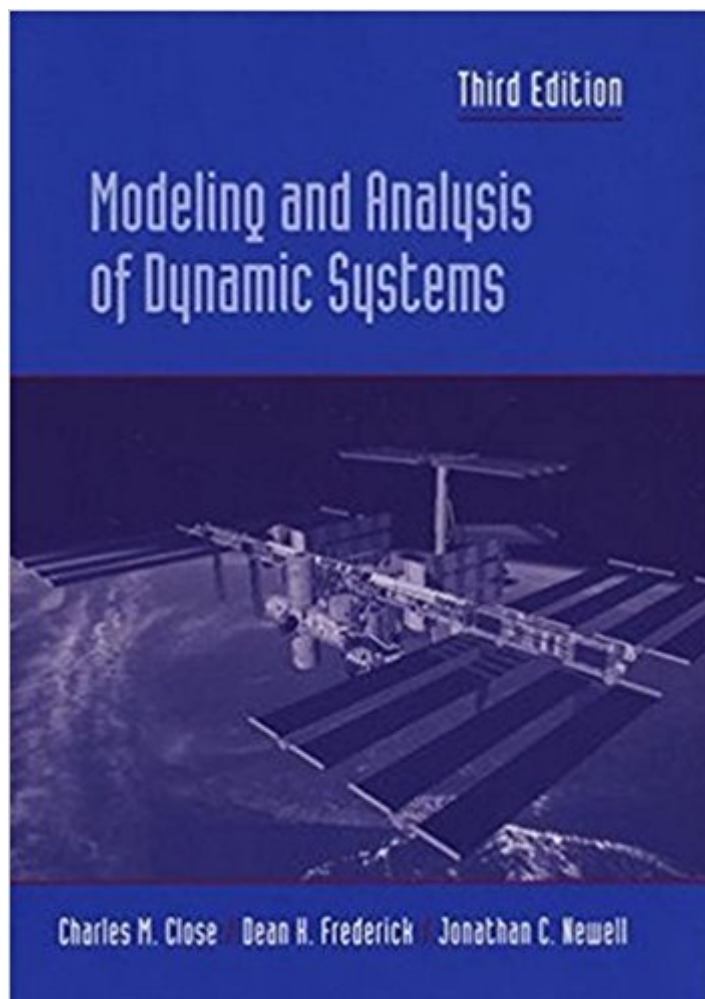


The book was found

Modeling And Analysis Of Dynamic Systems



Synopsis

The book presents the methodology applicable to the modeling and analysis of a variety of dynamic systems, regardless of their physical origin. It includes detailed modeling of mechanical, electrical, electro-mechanical, thermal, and fluid systems. Models are developed in the form of state-variable equations, input-output differential equations, transfer functions, and block diagrams. The Laplace-transform is used for analytical solutions. Computer solutions are based on MATLAB and Simulink.

Book Information

Paperback: 592 pages

Publisher: Wiley; 3 edition (August 20, 2001)

Language: English

ISBN-10: 0471394424

ISBN-13: 978-0471394426

Product Dimensions: 7.3 x 1.1 x 10.3 inches

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

Average Customer Review: 4.2 out of 5 stars 16 customer reviews

Best Sellers Rank: #48,224 in Books (See Top 100 in Books) #7 in [Books > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Quality Control](#) #13 in [Books > Science & Math > Physics > System Theory](#) #96 in [Books > Textbooks > Engineering > Mechanical Engineering](#)

Customer Reviews

Wasn't specified as international edition. For me, it didn't end up mattering since the problems and information matched that in the US edition, but it might be pertinent for some people

Terrible book, but university required it. shipped fast.

Book in great shape.

Great job, great product. Thanks.

Great product and service,thanks

Didn't need the book for my class. Was done all off power point. Tough material.

I have just give a glance to it, but it seems a very good book, with lots of examples and covering an introductory course of System modeling

For those who wanna improve their knowledges in modeling, this book will bring you the necessary.

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

Modeling Dynamic Biological Systems (Modeling Dynamic Systems) Dynamic Modeling in the Health Sciences (Modeling Dynamic Systems) Modeling and Analysis of Dynamic Systems Modeling and Analysis of Dynamic Systems, Second Edition Dynamic Systems: Modeling, Simulation, and Control Dynamic Systems Biology Modeling and Simulation Introduction to the Numerical Modeling of Groundwater and Geothermal Systems: Fundamentals of Mass, Energy and Solute Transport in Poroelastic Rocks (Multiphysics Modeling) Nonlinear Power Flow Control Design: Utilizing Exergy, Entropy, Static and Dynamic Stability, and Lyapunov Analysis (Understanding Complex Systems) Decoding The Hidden Market Rhythm - Part 1: Dynamic Cycles: A Dynamic Approach To Identify And Trade Cycles That Influence Financial Markets (WhenToTrade) Decoding The Hidden Market Rhythm - Part 1: Dynamic Cycles: A Dynamic Approach To Identify And Trade Cycles That Influence Financial Markets (WhenToTrade) (Volume 1) Dynamic Programming and Optimal Control, Vol. II, 4th Edition: Approximate Dynamic Programming Introduction To Dynamic Systems Analysis Modeling and Analysis of Stochastic Systems, Second Edition (Chapman & Hall/CRC Texts in Statistical Science) Modeling and Analysis of Stochastic Systems, Third Edition (Chapman & Hall/CRC Texts in Statistical Science) Introduction to Modeling and Analysis of Stochastic Systems (Springer Texts in Statistics) Introduction to the Modeling and Analysis of Complex Systems Atmospheric and Space Flight Dynamics: Modeling and Simulation with MATLAB[®] and Simulink[®] (Modeling and Simulation in Science, Engineering and Technology) Modeling Agency Tips: Get Listed with Fashion Modeling Agencies and Find Your Dream Job 3ds Max Modeling for Games: Insider's Guide to Game Character, Vehicle, and Environment Modeling: Volume I 3ds Max Modeling for Games: Insider's Guide to Game Character, Vehicle, and Environment Modeling: 1

Contact Us

DMCA

[Privacy](#)

[FAQ & Help](#)