

The book was found

Dynamic Systems: Modeling, Simulation, And Control



Synopsis

Craig Kluever's *Dynamic Systems: Modeling, Simulation, and Control* highlights essential topics such as analysis, design, and control of physical engineering systems, often composed of interacting mechanical, electrical and fluid subsystem components. The major topics covered in this text include mathematical modeling, system-response analysis, and an introduction to feedback control systems. *Dynamic Systems* integrates an early introduction to numerical simulation using MATLAB's Simulink for integrated systems. Simulink and MATLAB tutorials for both software programs will also be provided. The author's text also has a strong emphasis on real-world case studies.

Book Information

Hardcover: 496 pages

Publisher: Wiley; 1 edition (April 6, 2015)

Language: English

ISBN-10: 1118289455

ISBN-13: 978-1118289457

Product Dimensions: 7.4 x 0.9 x 9.3 inches

Shipping Weight: 2 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars See all reviews (3 customer reviews)

Best Sellers Rank: #147,939 in Books (See Top 100 in Books) #4 in Books > Science & Math > Mathematics > Transformations #82 in Books > Science & Math > Physics > Mechanics #110 in Books > Textbooks > Science & Mathematics > Mechanics

Customer Reviews

Worth the price. Very helpful to refresh my knowledge in this area.

Fantastic book. Great examples and explanations.

Great author. Great book. Would recommend.

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

Dynamic Systems: Modeling, Simulation, and Control Modeling and Control of Discrete-event Dynamic Systems: with Petri Nets and Other Tools (Advanced Textbooks in Control and Signal Processing) Mathematical Modeling of Collective Behavior in Socio-Economic and Life Sciences

(Modeling and Simulation in Science, Engineering and Technology) Dynamic Modeling and Control of Engineering Systems (2nd Edition) Modeling and Control of Dynamic Systems Dynamic Programming and Optimal Control, Vol. II, 4th Edition: Approximate Dynamic Programming Introduction to Modeling and Simulation of Technical and Physical Systems with Modelica Physiological Control Systems: Analysis, Simulation, and Estimation Introduction to the Numerical Modeling of Groundwater and Geothermal Systems: Fundamentals of Mass, Energy and Solute Transport in Poroelastic Rocks (Multiphysics Modeling) Geochemical Modeling of Groundwater, Vadose and Geothermal Systems (Multiphysics Modeling) Bayesian Signal Processing: Classical, Modern and Particle Filtering Methods (Adaptive and Cognitive Dynamic Systems: Signal Processing, Learning, Communications and Control) Mosfet Modeling for VLSI Simulation: Theory And Practice (International Series on Advances in Solid State Electronics) (International Series on Advances in Solid State Electronics and Technology) Modeling and Simulation in Medicine and the Life Sciences (Texts in Applied Mathematics) Simulation, Second Edition: Programming Methods and Applications (Statistical Modeling and Decision Science) Nonlinear Power Flow Control Design: Utilizing Exergy, Entropy, Static and Dynamic Stability, and Lyapunov Analysis (Understanding Complex Systems) Introduction to Device Modeling and Circuit Simulation FinFET Modeling for IC Simulation and Design: Using the BSIM-CMG Standard Switched Reluctance Motor Drives: Modeling, Simulation, Analysis, Design, and Applications (Industrial Electronics) Polymer Processing: Modeling and Simulation Applied Groundwater Modeling, Second Edition: Simulation of Flow and Advective Transport

[Dmca](#)