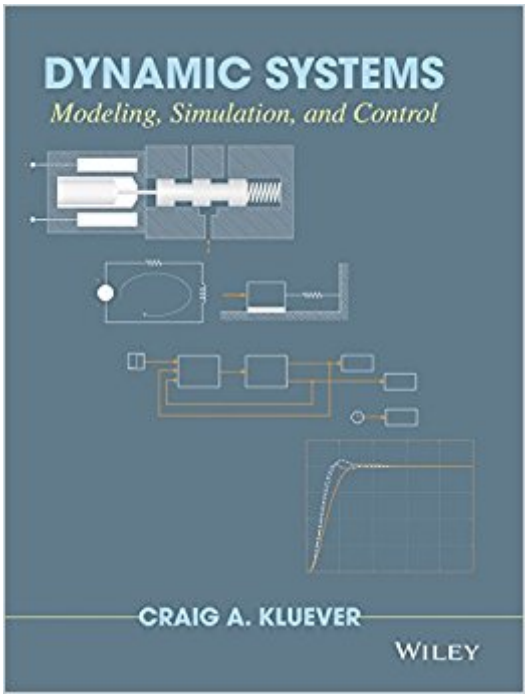
Dynamic Systems: Modeling, Simulation, And Control



Synopsis

Craig Kluever Ã¢â ¬Ëœs 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 MATLABÃ Â®Ã¢â ¬â„¢s Simulink for integrated systems. SimulinkÃ Â® and MATLABÃ Â® tutorials for both software programs will also be provided. The authorÃ¢â ¬â„¢s text also has a strong emphasis on real-world case studies.Ã Â

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Customer Reviews

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

Fantastic book. Great examples and explanations.

Best textbook for the first course on modeling analysis and control of dynamic systems

Great author. Great book. Would recommend.

Modeling Dynamic Biological Systems (Modeling Dynamic Systems) Dynamic Modeling in the

Health Sciences (Modeling Dynamic Systems) Dynamic Systems: Modeling, Simulation, and Control Atmospheric and Space Flight Dynamics: Modeling and Simulation with MATLABÃ Â® and SimulinkÃ Â® (Modeling and Simulation in Science, Engineering and Technology) Dynamic Systems Biology Modeling and Simulation Molecular Simulation Studies on Thermophysical Properties: With Application to Working Fluids (Molecular Modeling and Simulation) System Dynamics: Modeling, Simulation, and Control of Mechatronic Systems Modelling and Control of Dynamic Systems Using Gaussian Process Models (Advances in Industrial Control) Dynamic Programming and Optimal Control, Vol. II, 4th Edition: Approximate Dynamic Programming Modeling Behavior in Complex Public Health Systems: Simulation and Games for Action and Evaluation System Dynamics: Modeling and Simulation of Mechatronic Systems Modeling and Analysis of Dynamic Systems Modeling and Analysis of Dynamic Systems, Second Edition Aircraft Control and Simulation: Dynamics, Controls Design, and Autonomous Systems Introduction to the Numerical Modeling of Groundwater and Geothermal Systems: Fundamentals of Mass, Energy and Solute Transport in Poroelastic Rocks (Multiphysics Modeling) Physiological Control Systems: Analysis, Simulation, and Estimation Show Networks and Control Systems: Formerly "Control Systems for Live Entertainment" Nonlinear Power Flow Control Design: Utilizing Exergy, Entropy, Static and Dynamic Stability, and Lyapunov Analysis (Understanding Complex Systems) Feedback Control of Dynamic Systems (7th Edition) Feedback Control of Dynamic Systems (5th Edition)