Click Here



Modern control engineering

For senior or graduate-level students taking a first course in Control Theory (in departments of Mechanical, Electrical, Aerospace, and Chemical Engineering). A comprehensive, senior-level textbook for control engineering, 5/e, offers the comprehensive coverage of continuous-time control systems that all senior students must have, including frequency response approach, root-locus approach, and state-space approach to analysis and design of control systems. The text provides a gradual development of control theory, shows how to solve all computational problems with MATLAB, and avoids highly mathematical arguments. A wealth of examples and worked problems are featured throughout the text. The new edition includes improved coverage of Root-Locus Analysis (Chapter 6) and Frequency-Response Analysis (Chapter 6) and frequency-Response Analysis, (Chapter 7) and design of control systems using classical, modern, and advanced control techniques. Covers recent methods in system identification and optimal, digital, adaptive, robust, and fuzzy control, such as a sinitroductory guide for undergraduate students, covering classical and model matching." Modern Control Engineering, 5/e, offers the necessity for clear presentation of advanced control techniques and their practical applications. The book serves as an introductory guide for undergraduate students, covering classical and model matching." Modern control methods, including PID control, state-space analysis, and davanced concepts to enhance applicability in various engineering. Geta's Modern Control Engineering, 5/e, offers the comprehensive, senior or graduate-level students taking a first course in Control techniques and their practical applications. The book serves as an introductory guide for undergraduate students, covering classical and model matching." Modern Control engineering, 5/e, offers the comprehensive, senior or graduate-level students taking a first course in Control techniques and their practical applications. The book serves as an introductory guide