



non-linear systems theory

By FANG YONG CHUN // LU GUI ZHANG

paperback. Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 14151 Publisher: Tsinghua University Press Society Pub. Date :2009-05. Nonlinear Control control theorists in recent years a very active area of ??research in this textbook focuses on the non-linear control based on Lyapunov method and the actual system in the specific application. Lyapunov stability theory first introduced. followed by exact linearization of nonlinear systems. adaptive control. robust control. learning control methods are discussed. while the application Lyapunov theory for stability analysis of these control methods In the arrangement of contents. Chapters 2 and 3 is the theoretical basis of which Chapter 2 focuses on the mathematical background involved in the book. mainly used for signal analysis of several important theorems and a small amount of basic knowledge of differential geometry. The first Chapter 3 the basic theory of Lyapunov. given the mathematical definition of stability. and focus on Lyapunov stability theory and Low invariance principle. 4 ~ 8 is a variety of methods for adaptive control specific description and theoretical analysis. independent of each chapter. interested readers can choose the method of learning. 10 Chapter 8 describes the...

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