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Soggetti	Control engineering Multibody systems Vibration Mechanics, Applied System theory Control theory Control and Systems Theory Multibody Systems and Mechanical Vibrations Systems Theory, Control
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Nota di contenuto	Background, Modelling and Problem Statements of Active Suspensions -- Constrained H Control for Active Suspensions -- Finite Frequency H Control for Active Suspensions -- Constrained Active Suspension Control via Nonlinear Feedback Technology -- Actuator Saturation Control for Active Suspension Systems -- Active Suspension Control with the Unideal Actuators -- Active Suspensions Control with Actuator Dynamics -- Energy Saving Control Strategies: Motor-driven Active Suspension.
Sommario/riassunto	This book focuses on most recent theoretical ndings on control issues for active suspension systems. The authors first introduce the theoretical background of active suspension control, then present constrained H control approaches of active suspension systems in the entire frequency domain, focusing on the state feedback and dynamic

output feedback controller in the nite frequency domain which people are most sensitive to. The book also contains nonlinear constrained tracking control via terminal sliding-mode control and adaptive robust theory, presenting controller design of active suspensions as well as the reliability control of active suspension systems. The target audience primarily comprises research experts in control theory, but the book may also be beneficial for graduate students alike.