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Titolo	Nonlinear Systems and Controls // by Jürgen Adamy
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ISBN	9783662656334 9783662656327
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (754 pages)
Disciplina	615
Soggetti	Control engineering Computational intelligence Robotics Control and Systems Theory Computational Intelligence Robotic Engineering Teoria de control Sistemas no lineals Intel·ligència computacional Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Fundamentals of nonlinear systems -- Limit cycles and stability criteria -- Controllability and flatness -- Control for linear controlled systems -- Control for nonlinear controlled systems -- Control for linear and nonlinear controlled systems -- Observers for nonlinear systems -- Dictionary.
Sommario/riassunto	This textbook gives a clear introduction to the theory and application of nonlinear systems and controls. The author introduces and explains the methods of nonlinear control, which are becoming increasingly important in research and industrial applications. The main features of the book are the comprehensive presentation of the theory, excellent comprehensibility, the many example applications, and more than a hundred exercises with solutions. They are illustrated by many color

diagrams. This book is aimed at advanced engineering students and engineers in industry.

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