1. Record Nr. UNINA9910839688703321

Autore	Barale, Massimo
Titolo	Ermeneutica e morale / Massimo Barale
Pubbl/distr/stampa	Pisa, : ETS, 1988
ISBN	887741390
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Locazione	FLFBC
Collocazione	DAM A70 BARM 01
Lingua di pubblicazione	Italiano
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Autore	Shen Qikun
Titolo	Fault Diagnosis and Fault-Tolerant Control Based on Adaptive Control Approach / / by Qikun Shen, Bin Jiang, Peng Shi
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	9783319525303 3319525301
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Descrizione fisica	1 online resource (XVIII, 239 p. 60 illus., 57 illus. in color.)
Collana	Studies in Systems, Decision and Control, , 2198-4190 ; ; 91
Disciplina	620.0044
Soggetti	Automatic control Engineering mathematics Engineering - Data processing System theory Control theory Control and Systems Theory Mathematical and Computational Engineering Applications Systems Theory, Control
Lingua di pubblicazione	Inglese

Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Fault Tolerant Control for T-S Fuzzy Systems with Application to NSHV -- Fuzzy Logic System-based Adaptive FC for NSV Attitude Dynamics with Multiple Faults -- Command Filtered Adaptive Fuzzy Backstepping FTC Against Actuator Fault -- Adaptive Fuzzy Fault-Tolerant DSC for a Class of Nonlinear Systems -- Adaptive Fault Tolerant -- Backstepping Control for High-order Nonlinear Systems -- Neural Network-based Fault Tolerant Control Scheme Against Un-modeled Fault -- Performance Analysis of the Effect of Time Delay Due to Fault Diagnosis -- Adaptive Fault Detection for Uncertain Time-Delay Systems -- Conclusion and Future Research Directions.
Sommario/riassunto	This book provides recent theoretical developments in and practical applications of fault diagnosis and fault tolerant control for complex dynamical systems, including uncertain systems, linear and nonlinear systems. Combining adaptive control technique with other control methodologies, it investigates the problems of fault diagnosis and fault tolerant control for uncertain dynamic systems with or without time delay. As such, the book provides readers a solid understanding of fault diagnosis and fault tolerant control based on adaptive control technology. Given its depth and breadth, it is well suited for undergraduate and graduate courses on linear system theory, nonlinear system theory, fault diagnosis and fault tolerant control techniques. Further, it can be used as a reference source for academic research on fault diagnosis and fault tolerant control, and for postgraduates in the field of control theory and engineering. .