1. Record Nr. UNINA9910164749203321

Titolo	Evaluation of Petroleum Products
Pubbl/distr/stampa	[Place of publication not identified], : American Society for Testing & Materials, 1940
ISBN	0-8031-8046-2
Descrizione fisica	1 online resource (52 pages) : illustrations
Collana	ASTM special technical publication, ; ; 449
Disciplina	665.538
Soggetti	Petroleum products
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph

2. Record Nr. UNINA9910438045503321

Autore	Zhang Ke
Titolo	Observer-Based Fault Estimation and Accomodation for Dynamic Systems / / by Ke Zhang, Bin Jiang, Peng Shi
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2013
ISBN	9783642339868 3642339867
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (XIV, 181 p. 63 illus.)
Collana	Lecture Notes in Control and Information Sciences, , 1610-7411 ; ; 436
Altri autori (Persone)	JiangBin ShiPeng
Disciplina	629.8
Soggetti	Automatic control Dynamics Nonlinear theories System theory Control theory Control and Systems Theory Applied Dynamical Systems Systems Theory, Control

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Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references (p. [171]-179) and index.
Nota di contenuto	ntroduction -- FAFE of continuous-time Systems -- FAFE of continuous-time Linear Systems with Time Delay -- Fast FA for Loss of Actuator Effectiveness -- FFEO Based FA for Linear Systems -- RFEO Based FA for Linear Systems -- FA for T-S Fuzzy Models Based Nonlinear Systems -- Helicopter Platform Applications -- Conclusions and Future Research Directions.
Sommario/riassunto	Due to the increasing security and reliability demand of actual industrial process control systems, the study on fault diagnosis and fault tolerant control of dynamic systems has received considerable attention. Fault accommodation (FA) is one of effective methods that can be used to enhance system stability and reliability, so it has been widely and in-depth investigated and become a hot topic in recent years. Fault detection is used to monitor whether a fault occurs, which is the first step in FA. On the basis of fault detection, fault estimation (FE) is utilized to determine online the magnitude of the fault, which is a very important step because the additional controller is designed using the fault estimate. Compared with fault detection, the design difficulties of FE would increase a lot, so research on FE and accommodation is very challenging. Although there have been advancements reported on FE and accommodation for dynamic systems, the common methods at the present stage have design difficulties, which limit applications of respective design approaches. Therefore, the problems of FE and accommodation are needed to be further studied. This book considers the theory and technology of FE and accommodation for dynamic systems, and establishes a systemic and comprehensive framework of FE and accommodation for continuous/discrete-time systems. .