

1. Record Nr.	UNINA9910446326403321
Titolo	Breeding for disease resistance in farm animals // edited by Stephen C. Bishop ... [et al.]
Pubbl/distr/stampa	Wallingford, Oxfordshire ; ; Cambridge, MA, : CABI, 2010
ISBN	1-282-89835-3 9786612898358 1-84593-597-7
Edizione	[3rd ed.]
Descrizione fisica	1 online resource (370 p.)
Altri autori (Persone)	Bishop S. C (Stephen C.)
Disciplina	636.089/6079
Soggetti	Livestock - Breeding Livestock - Genetics Veterinary immunogenetics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents; Contributors; Part I: Principles and Methods; Part II: Viruses and TSEs; Part III: Bacteria; Part IV: Parasites and Vectors; Part V: Metabolic and Production Diseases; Index
Sommario/riassunto	Addressing principles associated with breeding animals for enhanced health and resistance to specific diseases, this new edition provides an updated review of the field and is illustrated with examples covering many diseases of importance to livestock production across all major livestock species. Edited by experts in the field, the book covers techniques and approaches, viruses, TSEs, bacteria, parasites, vectors, and broader health issues seen in production systems, including metabolic diseases. The book will be an essential reference for professionals in the field, scientists and researcher

2. Record Nr.	UNINA9910725098903321
Autore	Sun Shaoxin
Titolo	Fault-Tolerant Control for Time-Varying Delayed T-S Fuzzy Systems // by Shaoxin Sun, Huaguang Zhang, Xiaojie Su, Jinyu Zhu
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2023
ISBN	9789819913572 9789819913565
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (230 pages)
Collana	Intelligent Control and Learning Systems, , 2662-5466 ; ; 9
Altri autori (Persone)	ZhangHuaguang SuXiaojie ZhuJinyu
Disciplina	511.313
Soggetti	Automatic control System theory Control theory Stochastic processes Automation Control and Systems Theory Systems Theory, Control Stochastic Systems and Control
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1 Introduction -- Chapter 2 Fault Estimation and Tolerant Control for Time-Varying Delayed Fuzzy Systems with Actuator Faults -- Chapter 3 Fault Estimation and Tolerant Control for Multiple Time Delayed Fuzzy Systems with Sensor and Actuator Faults -- Chapter 4 Multiple Intermittent Fault Estimation and Tolerant Control for Switched T-S Fuzzy Stochastic Systems with Multiple Delays -- Chapter 5 Fault-Tolerant Control for Multiple Interval Time Delayed Switched Fuzzy Systems With Intermittent Faults -- Chapter 6 Fault-Tolerant Control for Multiple-Delayed Switched Fuzzy Stochastic Systems With Intermittent Faults -- Chapter 7 Conclusion and Prospect.
Sommario/riassunto	This book delves into the complexities of fault estimation and fault-tolerant control for nonlinear time-delayed systems. Through the use

of multiple-integral observers, it addresses fault estimation and active fault-tolerant control for time-delayed fuzzy systems with actuator faults and both actuator and sensor faults. Additionally, the book explores the use of sliding mode control to solve issues of sensor fault estimation, intermittent actuator fault estimation, and active fault-tolerant control for time-delayed switched fuzzy systems. Furthermore, it presents the use of H guaranteed cost control for both time-delayed switched fuzzy systems and time-delayed switched fuzzy stochastic systems with intermittent actuator and sensor faults. Finally, the problem of delay-dependent finite-time fault-tolerant control for uncertain switched T-S fuzzy systems with multiple time-varying delays, intermittent process faults and intermittent sensor faults is studied. The research on fault estimation and tolerant control has drawn attention from engineers and scientists in various fields such as electrical, mechanical, aerospace, chemical, and nuclear engineering. The book provides a comprehensive framework for this topic, placing a strong emphasis on the importance of stability analysis and the impact of result conservatism on the design and implementation of observers and controllers. It is intended for undergraduate and graduate students interested in fault diagnosis and tolerant control technology, researchers studying time-varying delayed T-S fuzzy systems, and observer/controller design engineers working on system stability applications.
