

1. Record Nr.	UNINA9910865256103321
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Titolo	Singularly Perturbed Jump Systems : Stability, Synchronization and Control // by Hao Shen, Ju H. Park, Feng Li, Jing Wang
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	981-9701-98-8
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (250 pages)
Collana	Studies in Systems, Decision and Control, , 2198-4190 ; ; 522
Altri autori (Persone)	ParkJu H LiFeng WangJing
Disciplina	629.8312 003
Soggetti	Control engineering System theory Control theory Control and Systems Theory Systems Theory, Control
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1 Introduction and Preview -- Chapter 2 Stochastic Stability Analysis and Stabilization -- Chapter 3 Control of Linear Systems Case -- Chapter 4 Control of Nonlinear Systems Case -- Chapter 5 Synchronization of Complex Networks Case -- Chapter 6 Stabilization of Linear Systems Case -- Chapter 7 Stabilization of Nonlinear Systems Case -- Chapter 8 Synchronization of Complex Networks Case -- Chapter 9 Control of Linear Systems Case -- Chapter 10 Control of Nonlinear Systems Case -- Chapter 11 Finite-time Control Case.
Sommario/riassunto	In this book, various singularly perturbed jump system models in continuous-time or discrete-time domain, such as Markov jump singularly perturbed systems, semi-Markov jump singularly perturbed systems, hidden Markov jump singularly perturbed systems, and singularly perturbed jump complex network model, have been considered for some control synthesis problems. Also, some partial probability information cases are taken into account when addressing those control synthesis problems. To show the effectiveness and

applicability of the obtained results, some numerical examples and practical industrial model examples are given.
