

1.	Record Nr.	UNISALENTO991003527659707536
	Autore	Niccolini de' Sirigatti, Lapo
	Titolo	Il Libro degli affari proprii di casa de Lapo di Giovanni Niccolini de' Sirigatti : edition critique et commentee / Christian Bec
	Pubbl/distr/stampa	Paris : SEVPEN, 1969
	Descrizione fisica	205 p. ; 24 cm.
	Collana	Demographie et societe / Ecole pratique des hautes etudes, 6. section, Centre de recherches historiques
	Altri autori (Persone)	Bec, Christianauthor
	Lingua di pubblicazione	Francese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNINA9910299580303321
	Autore	Ge Fudong
	Titolo	Regional Analysis of Time-Fractional Diffusion Processes / / by Fudong Ge, YangQuan Chen, Chunhai Kou
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
	ISBN	3-319-72896-2
	Edizione	[1st ed. 2018.]
	Descrizione fisica	1 online resource (XIX, 250 p. 16 illus., 14 illus. in color.)
	Disciplina	629.8
	Soggetti	Automatic control Operator theory System theory Control and Systems Theory Operator Theory Systems Theory, Control
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia

Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Introduction -- Preliminary Results -- Regional Controllability -- Regional Observability -- Regional Detection of Unknown Sources -- Regional Stability -- Conclusions and Future Work.
Sommario/riassunto	<p>This monograph provides an accessible introduction to the regional analysis of fractional diffusion processes. It begins with background coverage of fractional calculus, functional analysis, distributed parameter systems and relevant basic control theory. New research problems are then defined in terms of their actuation and sensing policies within the regional analysis framework. The results presented provide insight into the control-theoretic analysis of fractional-order systems for use in real-life applications such as hard-disk drives, sleep stage identification and classification, and unmanned aerial vehicle control. The results can also be extended to complex fractional-order distributed-parameter systems and various open questions with potential for further investigation are discussed. For instance, the problem of fractional order distributed-parameter systems with mobile actuators/sensors, optimal parameter identification, optimal locations/trajectory of actuators/sensors and regional actuation/sensing configurations are of great interest. The book's use of illustrations and consistent examples throughout helps readers to understand the significance of the proposed fractional models and methodologies and to enhance their comprehension. The applications treated in the book run the gamut from environmental science to national security. Academics and graduate students working with cyber-physical and distributed systems or interested in the the applications of fractional calculus will find this book to be an instructive source of state-of-the-art results and inspiration for further research.</p>