

1. Record Nr.	UNINA9910619284103321
Autore	Ammari Kais
Titolo	Stabilization for Some Fractional-Evolution Systems // by Kaïs Ammari, Fathi Hassine, Luc Robbiano
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2022
ISBN	3-031-17343-0
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (73 pages)
Collana	SpringerBriefs in Mathematics, , 2191-8201
Disciplina	515.35 515.83
Soggetti	Dynamics Differential equations Functions of real variables Dynamical Systems Differential Equations Real Functions
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Introduction -- 1. Fractional-Feedback Stabilization for a Class of Evolution Systems -- 2. Applications to the Fractional-Damped Wave Equation -- 3. Stabilization of Fractional Evolution Systems With Memory -- Bibliography.
Sommario/riassunto	This brief provides unified methods for the stabilization of some fractional evolution systems, nicely complementing existing literature on fractional calculus. The volume is divided into three chapters, the first of which considers the stabilization for some abstract evolution equations with a fractional damping, the second of which validates the abstract results of chapter 1 on concrete examples, and the third of which studies the stabilization of fractional evolution systems with memory.