1. Record Nr. UNINA9910700770403321

Titolo	Atlantic salmon genetics and breeding research with Atlantic Salmon of Maine LLC ... annual report
Pubbl/distr/stampa	[Washington, D.C.], : U.S. Dept. of Agriculture, Agricultural Research Service
Descrizione fisica	: HTML files
Disciplina	597.56
Soggetti	Atlantic salmon - Breeding Aquaculture - Technology transfer Research and development projects Aquaculture - Transfert de technologie Projets de recherche et de developpement Periodicals.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico

2. Record Nr. UNINA9910383841303321

Autore	Liu Zhijie
Titolo	PDE Modeling and Boundary Control for Flexible Mechanical System / / by Zhijie Liu, Jinkun Liu
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2020
ISBN	981-15-2596-X
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XV, 174 p. 62 illus., 55 illus. in color.)
Collana	Springer Tracts in Mechanical Engineering, , 2195-9870
Disciplina	510.24621
Soggetti	Multibody systems Vibration Mechanics, Applied Control engineering Robotics Automation Engineering mathematics Engineering - Data processing Multibody Systems and Mechanical Vibrations Control, Robotics, Automation Mathematical and Computational Engineering Applications
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Preliminaries -- PDE Modeling and Basic Vibration Control for Flexible Satellite -- Boundary Control for Flexible Satellite with Input Saturation -- PDE Modeling and Basic Vibration Control for Flexible Aerial Refueling Hose -- Boundary Control for Flexible Aerial Refueling Hose with Input Saturation -- Boundary Control for Flexible Aerial Refueling Hose with Output Constraint -- PDE Modeling and Vibration Control of a Flexible Aerial Refueling Hose with Variable Lengths and Input Constraint -- Dynamic Modeling and Vibration Control for a Nonlinear Three Dimensional Flexible Manipulator -- Conclusions.
Sommario/riassunto	This book provides a comprehensive review of fundamental issues in the dynamical modeling and vibration control design for several flexible

mechanical systems, such as flexible satellites, flexible aerial refueling hoses, and flexible three-dimensional manipulators. Offering an authoritative reference guide to the dynamics and control of flexible mechanical systems, it equips readers to solve a host of problems concerning these systems. It provides not only a complete overview of flexible systems, but also a better understanding of the technical levels involved. The book is divided into ten chapters: Chapters 1 and 2 lay the foundations, while the remaining chapters explore several independent yet related topics in detail. The book's final chapter presents conclusions and recommendations for future research. Given its scope, the book is intended for researchers, graduate students, and engineers whose work involves control systems, flexible mechanical systems, and related areas.