1. Record Nr. UNISALENTO991002435099707536

Autore	Hastie, T. J.
Titolo	Generalized additive models / T. J. Hastie, R. J. Tibshirani
Pubbl/distr/stampa	London : Chapman & Hall, 1990
ISBN	0412343908
Descrizione fisica	xv, 335 p. ; 23 cm
Collana	Monographs on statistics and applied probability ; 43
Altri autori (Persone)	Tibshirani, Robert J
Disciplina	519.536
Soggetti	Modelli matematici lineari Regressione non parametrica
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910346670203321

Autore	Liu Jinfeng
Titolo	New Directions on Model Predictive Control / Jinfeng Liu, Helen E Durand
Pubbl/distr/stampa	MDPI - Multidisciplinary Digital Publishing Institute, 2019 Basel, Switzerland : , : MDPI, , 2019
ISBN	9783038974215 3038974218
Descrizione fisica	1 electronic resource (230 p.)
Soggetti	History of engineering and technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Model predictive control (MPC) is an advanced control design used in many industries worldwide. An MPC selects control actions which are optimal with respect to a given performance metric as well as any physically-motivated constraints. MPC has therefore gained significant research attention over the past several decades. Advances in MPC continue to unlock its potential to solve a wide variety of practical issues. This book presents some of the state-of-the-art in MPC design from theoretical and applications perspectives. It covers a broad spectrum of MPC application areas, reviewing applications as diverse as air conditioning, pharmaceutical manufacturing, mineral column flotation, actuator faults, and hydraulic fracturing, while also highlighting recent theoretical advancements in control technology that integrate it with data-driven models, zone tracking, or process safety and cybersecurity. Both centralized and distributed MPC formulations are presented. The purpose of this book is to assemble a collection of current research in MPC that handles practically-motivated theoretical issues as well as recent MPC applications, with the aim of highlighting the significant potential benefits of new MPC theory and design.