1. Record Nr. UNINA9910583065403321

Autore	Sira-Ramirez Hebertt
Titolo	Active disturbance rejection control of dynamic systems : a flatness based approach / / Hebertt Sira-Ramirez [and three others]
Pubbl/distr/stampa	London, England : , : Butterworth-Heinemann, , 2017 ©2017
Descrizione fisica	1 online resource (360 pages) : illustrations
Disciplina	629.8
Soggetti	System design
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	"Active Disturbance Rejection Control has been studied since the 19th century. The main idea is to simplify the plant description so as to group all disturbances, foreign and internal, and all unknown, or ignored, quantities and expressions into a single disturbance term. We proceed to estimate the effects of this disturbance in some accurate manner and devise the means to cancel its effects using the gathered estimate as part of the feedback control action. Active Disturbance Rejection Control of Dynamic Systems describes the linear control of uncertain nonlinear systems. The net result is a practical controller design approach that is simple, surprisingly robust, while guaranteeing the convergence to small neighborhoods of desired equilibria or to tracking errors that are as close to zero as desired. The methodology differs from current robust feedback controllers characterized either by complex matrix manipulations and parameter adaption schemes or, in other cases, by induced high-frequency noises through the classical "chattering" phenomenon. The approach contains many of the cornerstones, or philosophical features, of Model-Free Control and ADRC while exploiting flatness and GPI control in an efficient manner for linear, nonlinear, monovariable and multivariable systems including those exhibiting inputs delays. This book contains successful experimental laboratory case studies of diverse engineering nature,

	especially mechanical, electro-mechanical, robotics, mobile robotics, and power electronics systems problems." -- back cover.

2.

Record Nr.	UNISALENTO991003706699707536
Titolo	Manuale di diritto commerciale / Antonio Cetra ... [et al.] ; a cura di Marco Cian
Pubbl/distr/stampa	Torino : Giappichelli, 2019
ISBN	9788892129368
Edizione	[3. ed]
Descrizione fisica	XXVII, 746 p. ; 24 cm
Altri autori (Persone)	Cetra, Antonioauthor Cian, Marco
Disciplina	346.4507
Soggetti	Diritto commerciale - Italia - Manuali
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia