

1. Record Nr.	UNINA9910709798503321
Titolo	Annual report of the Consumer Advisory Board
Pubbl/distr/stampa	Washington, D.C. : , : Consumer Financial Protection Bureau, , 2013-
Descrizione fisica	1 online resource (volumes)
Soggetti	Consumer protection - United States Community development - United States Annual reports.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	"On behalf of the Consumer Advisory Board (CAB or Board), we are honored to present our first annual report, which details the activities and progress made since the Board's establishment in September 2012" --Letter from Richard Cordray, Director. "The membership of the CAB is diverse, comprised of members of the general public from many different areas of expertise and perspectives in consumer protection and financial services"--Page 6 of [1st report]. Includes tables and appendixes.

2. Record Nr.	UNINA9910484216903321
Autore	Zhang Yinyan
Titolo	Deep Reinforcement Learning with Guaranteed Performance : A Lyapunov-Based Approach / / by Yinyan Zhang, Shuai Li, Xuefeng Zhou
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-33384-1
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (xvii, 225 pages) : illustrations
Collana	Studies in Systems, Decision and Control, , 2198-4190 ; ; 265
Disciplina	629.8312
Soggetti	Automatic control Robotics Computational intelligence System theory Control theory Automation Control and Systems Theory Computational Intelligence Systems Theory, Control Control, Robotics, Automation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	A Survey of Near-Optimal Control of Nonlinear Systems -- Near-Optimal Control with Input Saturation -- Adaptive Near-Optimal Control with Full-State Feedback -- Adaptive Near-Optimal Control Using Sliding Mode -- Model-Free Adaptive Near-Optimal Tracking Control -- Adaptive Kinematic Control of Redundant Manipulators -- Redundancy Resolution with Periodic Input Disturbance.
Sommario/riassunto	This book discusses methods and algorithms for the near-optimal adaptive control of nonlinear systems, including the corresponding theoretical analysis and simulative examples, and presents two innovative methods for the redundancy resolution of redundant manipulators with consideration of parameter uncertainty and periodic disturbances. It also reports on a series of systematic investigations on a near-optimal adaptive control method based on the Taylor

expansion, neural networks, estimator design approaches, and the idea of sliding mode control, focusing on the tracking control problem of nonlinear systems under different scenarios. The book culminates with a presentation of two new redundancy resolution methods; one addresses adaptive kinematic control of redundant manipulators, and the other centers on the effect of periodic input disturbance on redundancy resolution. Each self-contained chapter is clearly written, making the book accessible to graduate students as well as academic and industrial researchers in the fields of adaptive and optimal control, robotics, and dynamic neural networks.

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