

1. Record Nr.	UNINA9910484948303321
Autore	Wang Ding
Titolo	Adaptive Critic Control with Robust Stabilization for Uncertain Nonlinear Systems [[electronic resource] /] / by Ding Wang, Chaoxu Mu
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2019
ISBN	981-13-1253-2
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (317 pages)
Collana	Studies in Systems, Decision and Control, , 2198-4182 ; ; 167
Disciplina	629.836
Soggetti	Mathematical optimization Control and Systems Theory Optimization Robotics and Automation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	A Survey of Robust Adaptive Critic Control Design -- Robust Optimal Control of Nonlinear Systems with Matched Uncertainties -- Observer-Based Online Adaptive Regulation for a Class of Uncertain Nonlinear Systems -- Adaptive Tracking Control of Nonlinear Systems Subject to Matched Uncertainties -- Event-Triggered Robust Stabilization Incorporating an Adaptive Critic Mechanism -- An Improved Adaptive Optimal Regulation Framework with Robust Control Synthesis -- Robust Stabilization and Trajectory Tracking of General Uncertain Nonlinear Systems -- Event-Triggered Nonlinear H Control Design via an Improved Critic Learning Strategy -- Intelligent Critic Control with Disturbance Attenuation for a Micro-Grid System -- Sliding Mode Design for Load Frequency Control with Power System Applications.
Sommario/riassunto	This book reports on the latest advances in adaptive critic control with robust stabilization for uncertain nonlinear systems. Covering the core theory, novel methods, and a number of typical industrial applications related to the robust adaptive critic control field, it develops a comprehensive framework of robust adaptive strategies, including theoretical analysis, algorithm design, simulation verification, and experimental results. As such, it is of interest to university researchers, graduate students, and engineers in the fields of automation, computer

science, and electrical engineering wishing to learn about the fundamental principles, methods, algorithms, and applications in the field of robust adaptive critic control. In addition, it promotes the development of robust adaptive critic control approaches, and the construction of higher-level intelligent systems. .

2. Record Nr.	UNINA9910255146503321
Autore	Li Jun
Titolo	Quest for World-Class Teacher Education? : A Multiperspectival Study on the Chinese Model of Policy Implementation / / by Jun Li
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2016
ISBN	9789811008375 981100837X
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XXX, 243 p. 15 illus.)
Collana	Education in the Asia-Pacific Region: Issues, Concerns and Prospects, , 2214-9791 ; ; 34
Disciplina	370.116
Soggetti	International education Comparative education Teachers - Training of Education, Higher School management and organization Education and state Educational tests and measurements International and Comparative Education Teaching and Teacher Education Higher Education Organization and Leadership Educational Policy and Politics Assessment and Testing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chapter 1 Introduction -- Chapter 2 The context of Teacher Education

in China: A comprehensive review -- Chapter 3 Policy actions for world-class teachers -- Chapter 4 Why the policy? -- Chapter 5 The Multiperspectival Approach and the Operational Analytic Model -- Chapter 6 The Implementation case: Yangtze Normal University -- Chapter 7 The policy flow and institutional mission for the implementation -- Chapter 8 The implementation in complications: A dynamic process -- Chapter 9 The sociopolitical and cultural confluence: A complex jigsaw -- Chapter 10 Conclusion: A Chinese Zhong-Yong Model of policy implementation.

Sommario/riassunto

Utilizing a case study method and a Multiperspectival Approach, this volume presents a pioneering, in-depth study about China's teacher education policy since the 1990s. It critically investigates the rational, dynamic and complex implementation process taking place at the micro institutional level for the transformations of teacher education institutions. The book first introduces the sociopolitical and cultural background of China's teacher education system and its challenges under the condition of globalization, and illustrates major national initiatives for nurturing highly qualified teachers. It then explores new teachers' identities in an era of enhanced professionalism, uncovers the ways they reflect China's teacher education reform, and distills the rationales behind these policy actions. This is followed by an analytic presentation of the findings of the case study of a provincial normal university, with a particular focus on such core pieces of the implementation jigsaw as policy flow, the dynamism of implementation, sociopolitical and cultural confluence, and institutional barriers in the complex process. Lastly, the book unravels key recommendations and implications for policy implementation studies from the China policy case, and constructs a Chinese Zhong-Yong Model of policy implementation, and sheds new light on policy studies of teacher education reform in particular and public policy in general, which may be transferable to other sociopolitical contexts seeking to nurture world-class teachers and achieve educational excellence in a global age. "...With doctorates in both Chinese history and international educational policy, as well as a wealth of teaching and research experience in Shanghai, Hong Kong, Tokyo, Washington D.C. and Toronto, Jun Li sheds fascinating new light on a topic of great current interest in global circles." Ruth Hayhoe, University of Toronto "This groundbreaking book is the first of its kind in the empirical, critical and systematic examination of China's policy implementation for a world-class teacher education system over the past decades..." Xudong Zhu, Beijing Normal University "...This engaging work illustrates how the thoughtful application of multiple perspectives can enrich our understanding of the complexities inherent in policy implementation." Betty Malen, University of Maryland.
