1. Record Nr. UNINA9910777811003321

Titolo	Arming slaves [[electronic resource]] : from classical times to the modern age / / edited by Christopher Leslie Brown and Philip D. Morgan
Pubbl/distr/stampa	New Haven, : Yale University Press, c2006
ISBN	1-281-73449-7 9786611734497 0-300-13485-1
Descrizione fisica	1 online resource
Collana	The David Brion Davis Series
Altri autori (Persone)	BrownChristopher Leslie MorganPhilip D. <1949->
Disciplina	355.3/308625
Soggetti	Enslaved soldiers - History
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Based on lectures from a conference in Fall 2000 at the Gilder Lehrman Center for the Study of Slavery, Resistance, and Abolition at Yale University.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Arming slaves and helots in classical Greece / Peter Hunt --The mamluk institution, or one thousand years of military slavery in the Islamic world / Reuven Amitai -- Armed slaves and political authority in Africa in the era of the slave trade, 1450-1800 / John Thornton -- Making the Chikunda : military slavery and ethnicity in southern Africa, 1750-1900 / Allen Isaacman and Derek Peterson -- Transforming bondsmen into vassals : arming slaves in colonial Spanish America / Jane Landers -- Arming slaves in Brazil from the seventeenth century to the nineteenth century / Hendrik Kraay -- Arming slaves in the American revolution / Philip D. Morgan and Andrew Jackson O'Shaughnessy -- The arming of slaves in the Haitian revolution / David Geggus -- Citizen soldiers : emancipation and military service in the revolutionary French Caribbean / Laurent Dubois -- The slave soldiers of Spanish South America : from independence to abolition / Peter Blanchard -- Armed slaves and the struggles for republican liberty in the U.S. Civil War / Joseph P. Reidy -- Armed slaves and anticolonial insurgency in late nineteenth-century Cuba / Ada Ferrer -- The arming of slaves in comparative perspective / Christopher Leslie

	Brown.
Sommario/riassunto	Arming slaves as soldiers is a counterintuitive idea. Yet throughout history, in many varied societies, slaveholders have entrusted slaves with the use of deadly force. This book is the first to survey the practice broadly across space and time, encompassing the cultures of classical Greece, the early Islamic kingdoms of the Near East, West and East Africa, the British and French Caribbean, the United States, and Latin America.To facilitate cross-cultural comparisons, each chapter addresses four crucial issues: the social and cultural facts regarding the arming of slaves, the experience of slave soldiers, the ideological origins and consequences of equipping enslaved peoples for battle, and the impact of the practice on the status of slaves and slavery itself. What emerges from the book is a new historical understanding: the arming of slaves is neither uncommon nor paradoxical but is instead both predictable and explicable.

2.

Record Nr.	UNINA9910960440903321
Autore	Mareels Iven
Titolo	Adaptive Systems : An Introduction / / by Iven Mareels, Jan Willem Polderman
Pubbl/distr/stampa	Boston, MA : , : Birkhäuser Boston : , : Imprint : Birkhäuser, , 1996
ISBN	0-8176-8142-6
Edizione	[1st ed. 1996.]
Descrizione fisica	1 online resource (XVII, 342 p.)
Collana	Systems & Control: Foundations & Applications, , 2324-9757
Disciplina	519
Soggetti	System theory Control theory Mathematical models Probabilities Systems Theory, Control Mathematical Modeling and Industrial Mathematics Probability Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.

Nota di contenuto

1 Adaptive Systems -- 1.1 Introduction -- 1.2 Adaptive systems: examples -- 1.3 General structure of adaptive control systems -- 1.4 Illustrating the concepts -- 1.5 Summary of chapter -- 1.6 Notes and references -- 1.7 Exercises -- 2 Systems And Their Representations -- 2.1 Introduction -- 2.2 Notation -- 2.3 The behavior -- 2.4 Latent variables -- 2.5 Equivalent representations -- 2.6 Controllability -- 2.7 Observability -- 2.8 Stability -- 2.9 Elimination of Latent variables -- 2.10 The ring ?[?,??1] -- 2.11 An example -- 2.12 A word about the notation -- 2.13 Summary of chapter -- 2.14 Notes and references -- 3 Adaptive systems : principles of identification -- 3.1 Introduction -- 3.2 Object of interest and model class -- 3.3 Identification criterion and algorithms -- 3.4 Data model assumptions -- 3.5 Analysis of identification algorithms -- 3.6 Persistency of excitation -- 3.7 Summary of chapter -- 3.8 Notes and references -- 3.9 Exercises -- 4 Adaptive Pole Assignment -- 4.1 Introduction -- 4.2 Preliminaries -- 4.3 The system and its representations -- 4.4 Equilibrium analysis -- 4.5 An algorithm for adaptive pole assignment -- 4.6 Analysis of the algorithm -- 4.7 Filtered signals -- 4.8 Modification of the projection algorithm -- 4.9 Summary of chapter -- 4.10 Notes and references -- 4.11 Exercises -- 5 Direct Adaptive Model Reference Control -- 5.1 Introduction -- 5.2 Basic problem definition -- 5.3 Model reference control: nonadaptive solution -- 5.4 Error model construction -- 5.5 Equilibrium analysis -- 5.6 Adaptive algorithm -- 5.7 Analysis of the adaptive system -- 5.8 Adaptive model reference control with disturbance rejection -- 5.9 Summary of chapter -- 5.10 Notes and references -- 5.11 Exercises -- 6 Universal Controllers -- 6.1 Introduction -- 6.2 Existence of solutions -- 6.3 The first order case -- 6.4Higher order systems -- 6.5 Mårtensson’s algorithm -- 6.6 Summary of chapter -- 6.7 Notes and references -- 6.8 Exercises -- 7 The pole/zero cancellation problem -- 7.1 Introduction -- 7.2 The pole/zero cancellation problem in adaptive control -- 7.3 Combining direct and indirect adaptive control -- 7.4 Adaptive Excitation -- 7.5 A more fundamental viewpoint -- 7.6 Conclusions -- 7.7 Summary of chapter -- 7.8 Notes and references -- 7.9 Exercises -- 8 Averaging Analysis For Adaptive Systems -- 8.1 Introduction -- 8.2 Averaging -- 8.3 Transforming an adaptive system into standard form -- 8.4 Averaging approximation -- 8.5 Application: the MIT rule for adaptive control -- 8.6 Application: echo cancellation in telephony -- 8.7 Summary of chapter -- 8.8 Notes and references -- 8.9 Exercises -- 9 Dynamics of adaptive systems: A case study -- 9.1 Introduction -- 9.2 The example -- 9.3 Global analysis and bifurcations -- 9.4 Adaptive system behavior: ideal case -- 9.5 Adaptive system behavior: undermodelled case -- 9.6 Discussion -- 9.7 Summary of chapter -- 9.8 Notes and References -- 9.9 Exercises -- Epilogue -- A Background material -- A.1 A contraction result -- A.2 The Comparison Principle -- A.2.1 Bellman-Gronwall Lemma -- A.2.2 Perturbed linear stable systems -- A.3 Miscellaneous stability results -- A.3.1 Stability Definitions -- A.3.2 Some Lyapunov stability results -- A.4 Detectability -- A.5 An inequality for linear systems -- A.6 Finite horizon averaging result -- A.7 Maple code for solving Lyapunov equations -- A.8 Maple code for fixed points and two periodic solutions.

Sommario/riassunto

Loosely speaking, adaptive systems are designed to deal with, to adapt to, chang- ing environmental conditions whilst maintaining performance objectives. Over the years, the theory of adaptive systems evolved from relatively simple and intuitive concepts to a complex multifaceted theory dealing with stochastic, nonlinear and infinite dimensional systems. This book provides a first introduction to the

theory of adaptive systems. The book grew out of a graduate course that the authors taught several times in Australia, Belgium, and The Netherlands for students with an engineering and/or mathemat- ics background. When we taught the course for the first time, we felt that there was a need for a textbook that would introduce the reader to the main aspects of adaptation with emphasis on clarity of presentation and precision rather than on comprehensiveness. The present book tries to serve this need. We expect that the reader will have taken a basic course in linear algebra and mul- tivariable calculus. Apart from the basic concepts borrowed from these areas of mathematics, the book is intended to be self contained.