

1. Record Nr.	UNINA9910478902103321
Autore	Mareels Iven
Titolo	Adaptive Systems [[electronic resource] ] : 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, , 2324-9749
Disciplina	519
Soggetti	System theory Mathematical models Probabilities Systems Theory, Control Mathematical Modeling and Industrial Mathematics Probability Theory and Stochastic Processes
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 $\mathbb{R}[s]$ -- 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  
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Equilibrium analysis -- 5.6 Adaptive algorithm -- 5.7 Analysis of the  
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disturbance rejection -- 5.9 Summary of chapter -- 5.10 Notes and  
references -- 5.11 Exercises -- 6 Universal Controllers -- 6.1  
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6.4 Higher order systems -- 6.5 Mårtensson's algorithm -- 6.6  
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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  
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8.3 Transforming an adaptive system into standard form -- 8.4  
Averaging approximation -- 8.5 Application: the MIT rule for adaptive  
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The example -- 9.3 Global analysis and bifurcations -- 9.4 Adaptive  
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undermodelled case -- 9.6 Discussion -- 9.7 Summary of chapter --  
9.8 Notes and References -- 9.9 Exercises -- Epilogue -- A  
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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.

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## Sommario/riassunto

Loosely speaking, adaptive systems are designed to deal with, to adapt to, changing 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 mathematics 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 multivariable calculus. Apart from the basic concepts borrowed from these areas of mathematics, the book is intended to be self contained.

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2. Record Nr.	UNINA9910454527603321
Autore	Johnson Peggy <1948-, >
Titolo	Fundamentals of collection development and management // Peggy Johnson
Pubbl/distr/stampa	Chicago : , : ALA Editions, , 2009
ISBN	0-8389-9813-5 1-4416-1910-0
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (425 pages) : illustrations
Disciplina	025.21
Soggetti	Collection development (Libraries) - United States Collection management (Libraries) - United States Collection development (Libraries) Collection management (Libraries) Electronic books
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index
Nota di contenuto	Figures; Preface to the Second Edition; Preface to the First Edition; Acknowledgments; Chapter 1; Introduction to Collection Management and Development; Historical Overview; Theories of Selection; Collection Development and Management since 1980; Summary; Notes; Suggested Readings; Chapter 2: Organization and Staffing; Responsibilities and Their Assignment; Skills and Competencies; Learning and Mastery; Organizational Models; Ethical Issues; Performance Evaluation; Summary; Notes; Suggested Readings; Chapter 3: Policy, Planning, and Budgets; Planning in Libraries Collection Development Policy Statements Budgeting and Finance; Summary; Notes; Suggested Readings; Chapter 4: Developing Collections; Universe of Published Materials; The Selection Process; Acquisitions Options; Diverse Communities and Alternative Literatures; Censorship and Intellectual Freedom; Summary; Notes; Suggested Readings; Chapter 5: Managing Collections; Weeding; Storage; Preservation; Serial Cancellation and the Transition to Electronic-Only Access; Collection Protection and Security; Summary; Notes; Suggested Readings; Chapter 6: Marketing, Liaison, and Outreach Activities

What Is Marketing? Marketing Concepts in a Library Context; Market Research; Planning and Implementation; Liaison and Outreach; Control; Benefits and Hazards of Liaison and Outreach Activities; Summary; Notes; Suggested Readings; Chapter 7: Collection Analysis: Evaluation and Assessment; Collection Analysis as a Management Tool; Knowing the Collection; Techniques of Collection Analysis; Purposes of Collection Analysis; Historical Overview of Collection Analysis; Electronic Resources and Collection Analysis; Interdisciplinary Fields; Methods of Collection-Based Analysis  
Methods of Use- and User-Centered Analysis Planning and Conducting a Collection Analysis Project; Summary; Notes; Suggested Readings; Chapter 8: Cooperative Collection Development and Management; Overview; Types of Cooperative Collection Development; Mechanisms for Cooperative Collection Development; Cooperatives and Acquisition of Electronic Resources; Attributes of Successful Cooperative Collection Development; Challenges to Cooperative Collection Development; Evaluating Cooperative Collection Development; Summary; Notes; Suggested Readings; Chapter 9: Scholarly Communication  
What Is the Scholarly Communication System? Scholarly Publishing before the Internet; Changing the Nature of Scholarly Communication; Open Access: Putting the Pieces Together; Issues for Libraries and Roles for Collections Librarians; Summary; Notes; Suggested Readings; Appendix A: Professional Resources for Collection Development and Management; Journals; Electronic Discussion Groups; Professional Associations; Appendix B: Selection Aids; Bibliographical Tools and Directories; Review Sources and Guides to Reviews; Appendix C: Sample Collection Development Policy Statements  
Saint Paul Public Library Collection Development Policy

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Sommario/riassunto

In this fully updated revision, expert instructor and librarian Peggy Johnson addresses the art in controlling and updating your library's collection.

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3. Record Nr.	UNINA9910495698703321
Autore	Cupers Jean-Louis
Titolo	Euterpe et Harpocrate ou le défi littéraire de la musique / Jean-Louis Cupers
Pubbl/distr/stampa	Bruxelles, : Presses de l'Université Saint-Louis, 2019
ISBN	2-8028-0517-7
Descrizione fisica	1 online resource (158 p.)
Altri autori (Persone)	BrownCalvin S
Disciplina	780/.08
Soggetti	Music and literature Musicians in literature
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Projetant des lumières sur les rapports qui peuvent être établis entre la création littéraire et l'art jumeau des sons, sur leurs similitudes et leurs dissemblances, surtout dans l'épineuse question de la transposition des formes de l'un dans l'autre, Euterpe et Harpocrate ou le défi littéraire de la musique vient à son heure livrer au public francophone les questions posées - et les résultats obtenus - par les recherches les plus récentes dans le domaine de la comparaison littérature-musique. L'auteur y ajoute une réflexion personnelle, originale et pertinente.