

1. Record Nr.	UNINA9910453611803321
Autore	Persson Lars-Erik <1944->
Titolo	Matrix spaces and Schur multipliers : matriceal harmonic analysis / / by Lars-Erik Persson (Lulea University of Technology, Sweden & Narvik University College, Norway) & Nicolae Popa ("Simion Stoilov" Institute of Mathematics, Romanian Academy, Romania & Technical University "Petrol si Gaze", Romania)
Pubbl/distr/stampa	[Hackensack] New Jersey : , : World Scientific, , [2014] ©2014
ISBN	981-4546-78-X
Descrizione fisica	1 online resource (207 p.)
Altri autori (Persone)	PopaNicolae
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Formato	Materiale a stampa
Livello bibliografico	Monografia
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preface; Contents; 1. Introduction; 1.1 Preliminary notions and notations; 1.1.1 Infinite matrices; 1.1.2 Analytic functions on disk; 1.1.3 Miscellaneous; 1.1.4 The Bergman metric; Notes; 2. Integral operators in infinite matrix theory; 2.1 Periodical integral operators; 2.2 Nonperiodical integral operators; 2.3 Some applications of integral operators in the classical theory of infinite matrices; 2.3.1 The characterization of Toeplitz matrices; 2.3.2 The characterization of Hankel matrices; 2.3.3 The main triangle projection; 2.3.4 $B(2)$ is a Banach algebra under the Schur product; Notes 3. Matrix versions of spaces of periodical functions 3.1 Preliminaries; 3.2 Some properties of the space $C(2)$; 3.3 Another characterization of the space $C(2)$ and related results; 3.4 A matrix version for functions of bounded variation; 3.5 Approximation of infinite matrices by matriceal Haar polynomials; 3.5.1 Introduction; 3.5.2 About the space m_s ; 3.5.3 Extension of Haar's theorem; 3.6 Lipschitz spaces of matrices; a characterization; Notes; 4. Matrix versions of Hardy spaces;

4.1 First properties of matriceal Hardy space; 4.2 Hardy-Schatten spaces
 6.2 Some inequalities in Bergman-Schatten classes
 6.3 A characterization of the Bergman-Schatten space; 6.4 Usual multipliers in Bergman-Schatten spaces; Notes; 7. A matrix version of Bloch spaces; 7.1 Elementary properties of Bloch matrices; 7.2 Matrix version of little Bloch space; Notes; 8. Schur multipliers on analytic matrix spaces; Notes; Bibliography; Index

Sommario/riassunto

This book gives a unified approach to the theory concerning a new matrix version of classical harmonic analysis. Most results in the book have their analogues as classical or newer results in harmonic analysis. It can be used as a source for further research in many areas related to infinite matrices. In particular, it could be a perfect starting point for students looking for new directions to write their PhD thesis as well as for experienced researchers in analysis looking for new problems with great potential to be very useful both in pure and applied mathematics where classical analysis ha

2. Record Nr.

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Autore

Grimble Michael J

Titolo

Robust industrial control systems [[electronic resource]] : optimal design approach for polynomial systems / / Michael J. Grimble

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Chichester ; ; Hoboken, NJ, : Wiley, c2006

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 1-280-44874-1
 9786610448746
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Descrizione fisica

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Disciplina

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 670.427

Soggetti

Process control - Automation
 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	Robust Industrial Control Systems; Contents; Preface; Acknowledgements; 1 Introduction to Optimal and Robust Control; 1.1 Introduction; 1.1.1 Optimality, Feedback and Robustness; 1.1.2 High-integrity and Fault-tolerant Control Systems; 1.1.3 Self-healing Control Systems; 1.1.4 Fault Monitoring and Detection; 1.1.5 Adaptive versus Robust Control; 1.1.6 Artificial Intelligence, Neural Networks and Fuzzy Control; 1.1.7 Discrete-time Systems; 1.2 The H_2 and H_∞ Spaces and Norms; 1.2.1 Graphical Interpretation of the H_∞ Norm; 1.2.2 Terms Used in H_∞ Robust Control Systems Design; 1.3 Introduction to H_∞ Control Design; 1.3.1 Properties of H_∞ Robust Control Design; 1.3.2 Comparison of H_∞ and H_2/LQG Controllers; 1.3.3 Relationships between Classical Design and H_∞ Robust Control; 1.3.4 H_2 and H_∞ Design and Relationship to PID Control; 1.3.5 H_∞ Polynomial Systems Synthesis Theory; 1.4 State-space Modelling and Synthesis Theory; 1.4.1 State-space Solution of Discrete-time H_∞ Control Problem; 1.4.2 H_∞ Control Design Objectives; 1.4.3 State-feedback Control Solution; 1.4.4 State-feedback Control Problem: Cross-product Costing Case; 1.4.5 State-space Solution of Discrete-time H_∞ Filtering Problem; 1.4.6 Bounded Real Lemma; 1.4.7 Output Feedback H_∞ Control Problem; 1.5 Introduction to H_2 or LQG Polynomial Synthesis; 1.5.1 System Description; 1.5.2 Cost Function and Solution; 1.5.3 Minimisation of the Performance Criterion; 1.5.4 Solution of the Diophantine Equations and Stability; 1.5.5 H_2 /LQG Design Examples; 1.6 Benchmarking; 1.6.1 Restricted Structure Benchmarking 2.3.1 Solution of the Dual-criterion Minimisation Problem; 2.3.2 Theorem Summarising LQG Controller; 2.3.3 Remarks on the Equations and Solution; 2.3.4 Design Guidelines; 2.3.5 Controller Implementation; 2.3.6 LQG Ship-steering Autopilot Application; 2.4 LQG Controller with Robust Weighting Function; 2.4.1 Youla Parameterisation; 2.4.2 Cost Function with Robust Weighting Function; 2.4.3 Solution of the Dual-criterion Problem with Robust Weighting; 2.4.4 Summary of H_2 /LQG Synthesis Problem with Robust Weighting; 2.4.5 Comments on the Solution; 2.5 Introduction to the Standard System Model 2.5.1 Standard System Model
Sommario/riassunto	Robust Industrial Control Systems: Optimal Design Approach for Polynomial Systems presents a comprehensive introduction to the use of frequency domain and polynomial system design techniques for a range of industrial control and signal processing applications. The solution of stochastic and robust optimal control problems is considered, building up from single-input problems and gradually developing the results for multivariable design of the later chapters. In addition to cataloguing many of the results in polynomial systems needed to calculate industrial controllers and filters, basic

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| 3. Record Nr. | UNICAMPANIAVAN00091309 |
| Titolo | La risorsa umana diversamente abile nell'economia dell'azienda : disability management e accountability / Gerardino Metallo, Paolo Ricci, Guido Migliaccio (a cura di) |
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| Titolo | Charles Taylor : Perspektiven der Erziehungs- und Bildungsphilosophie / Charles Taylor, Jens Beljan, Johannes Drerup, Douglas Yacek, Phillip Knobloch, Nicole Balzer, Tobias Kunkler, Michael Kuhnlein, Jorgen Oelkers, Elmar Anhalt, Ulrich Binder, Hanno Su, Eva Ehlers, Nicole Balzer, Jens Beljan, Johannes Drerup |
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secularism
identity
anthropology |

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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Copyright page -- Charles Taylors Philosophie in der Diskussion: Zur Einfuhrung / Nicole Balzer , Jens Beljan , and Johannes Drerup -- Culture, Identity and Education / Jens Beljan , Johannes Drerup , and Charles Taylor -- I. Bildung, Lernen und Identitat -- Von starken Wertungen, Umwertungen und der Fulle des Lebens. Charles Taylor lesen als Umlernprozess / Tobias Kunkler -- Die Transformationsresistenz der Moderne - Ansätze einer expressivistischen Bildungstheorie im Werk von Charles Taylor / Jens Beljan -- Anders werden - besser werden. Alternativen zur transformatorischen Bildungstheorie / Douglas Yacek -- II. Bildung und Religion -- Regime der Laizitat, religioser Pluralismus und der Streit um das Kopftuch / Johannes Drerup -- Die Bildung der Religion. Charles Taylor und die Erziehung zur positiven Freiheit / Michael Kuhnlein -- Zum Verhaltnis von Bildung, Religion und Offentlichkeit / Jurgen Oelkers -- Theismus als Therapievorschlag fur die Moderne. Zur sozial- und bildungsphilosophischen Attraktivitat von Religionsrestaurationen / Elmar Anhalt and Ulrich Binder -- III. Bildung, Politik und Epistemologie -- Kolonialitat und die Politik der Anerkennung / Phillip D. Th. Knobloch -- Quellen padagogischer Epistemologie / Hanno Su -- Das Wissen (in) der Praxis: Epistemische Dimensionen padagogischer Praktiken und die ›Wiedergewinnung des Realismus‹ / Nicole Balzer and Eva Ehlers -- -- Autorinnen und Autoren.
Sommario/riassunto	Charles Taylor gehort zu den bedeutendsten Philosophen der Gegenwart. Er hat die offentliche Debatte uber grundlegende Probleme liberaler Demokratien international sehr stark beeinflusst. In diesem Band werden wichtige Beitrage der Philosophie Taylors aus der Sicht der Erziehungs- und Bildungsphilosophie diskutiert und fur die Klarung padagogischer Probleme in modernen Gesellschaften genutzt. Eingeleitet wird der Band durch ein langeres Interview, in dem Taylor seine Perspektiven auf zentrale erziehungs- und bildungsphilosophische Fragestellungen vorstellt.