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Titolo	Introduction to Large Truncated Toeplitz Matrices [[electronic resource] /] / by Albrecht Böttcher, Bernd Silbermann
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Collana	Universitext, , 0172-5939
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Soggetti	Topology Matrix theory Algebra Mathematical analysis Analysis (Mathematics) Linear and Multilinear Algebras, Matrix Theory Analysis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"With 62 figures."
Nota di bibliografia	Includes bibliographical references and index.
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Regularization and Kato Numbers -- 5 Determinants and Eigenvalues -- 5.1 The Strong Szegő Limit Theorem -- 5.2 Ising Model and Onsager Formula -- 5.3 Second-Order Trace Formulas -- 5.4 The First Szegő Limit Theorem -- 5.5 Hermitian Toeplitz Matrices -- 5.6 The Avram-Parter Theorem -- 5.7 The Algebraic Approach to Trace Formulas -- 5.8 Toeplitz Band Matrices -- 5.9 Rational Symbols -- 5.10 Continuous Symbols -- 5.11 Fisher-Hartwig Determinants -- 5.12 Piecewise Continuous Symbols -- 6 Block Toeplitz Matrices -- 6.1 Infinite Matrices -- 6.2 Finite Section Method and Stability -- 6.3 Norms of Inverses and Pseudospectra -- 6.4 Distribution of Singular Values -- 6.5 Asymptotic Moore-Penrose Inversion -- 6.6 Trace Formulas -- 6.7 The Szegő-Widom Limit Theorem -- 6.8 Rational Matrix Symbols -- 6.9 Multilevel Toeplitz Matrices -- 7 Banach Space Phenomena -- 7.1 Boundedness -- 7.2 Fredholmness and Invertibility -- 7.3 Continuous Symbols -- 7.4 Piecewise Continuous Symbols -- 7.5 Loss of Symmetry -- References -- Symbol Index.

Sommario/riassunto

Introduction to Large Truncated Toeplitz Matrices is a text on the application of functional analysis and operator theory to some concrete asymptotic problems of linear algebra. The book contains results on the stability of projection methods, deals with asymptotic inverses and Moore-Penrose inversion of large Toeplitz matrices, and embarks on the asymptotic behavior of the norms of inverses, the pseudospectra, the singular values, and the eigenvalues of large Toeplitz matrices. The approach is heavily based on Banach algebra techniques and nicely demonstrates the usefulness of C^* -algebras and local principles in numerical analysis. The book includes classical topics as well as results obtained and methods developed only in the last few years. Though employing modern tools, the exposition is elementary and aims at pointing out the mathematical background behind some interesting phenomena one encounters when working with large Toeplitz matrices. The text is accessible to readers with basic knowledge in functional analysis. It is addressed to graduate students, teachers, and researchers with some inclination to concrete operator theory and should be of interest to everyone who has to deal with infinite matrices (Toeplitz or not) and their large truncations.

2. Record Nr.	UNINA9910588794603321
Autore	Martínez Gutiérrez Carolina
Titolo	El malestar en la cultura educativa del capitalismo
Pubbl/distr/stampa	Colombia, : Universidad Santiago de Cali, 2017
Descrizione fisica	1 online resource (161-170 p.)
Disciplina	150.195
Soggetti	Psychological theory & schools of thought Colombia
Lingua di pubblicazione	Spagnolo
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>En los ultimos anos en Colombia, las instituciones educativas han emprendido una ardua carrera para implementar en su interior los sistemas de gestion de calidad. Lograr la Certificacion de Calidad y mantenerla, es uno de los principales objetivos educativos en nuestra sociedad. La presente ponencia propone indagar por los impactos que tienen los principios de los sistemas de gestion de Calidad en la subjetividad de los ninios y adolescentes en las instituciones educativas. Se trata de una critica desde una perspectiva psicoanalitica, que cuestiona los efectos de poner al ser humano en el lugar del producto, del objeto de una empresa. Esta ponencia plantea que los sistemas de gestion de calidad corresponden al discurso capitalista actual, que son implementados en los colegios con el fin de garantizar la sostenibilidad de la institucion, desconociendo que sus ideales estan en contra de la constitucion de la subjetividad del ser humano. Planteo que el discurso capitalista ha puesto en auge una fascinacion generalizada por el discurso psiquiatrico en los colegios, se trata de una manera de taponar al sujeto, y niega la posibilidad de que la educacion se constituya en un escenario simbolico donde el sujeto pueda emerger. Ya desde 1930 Freud nos ponia al tanto</p>