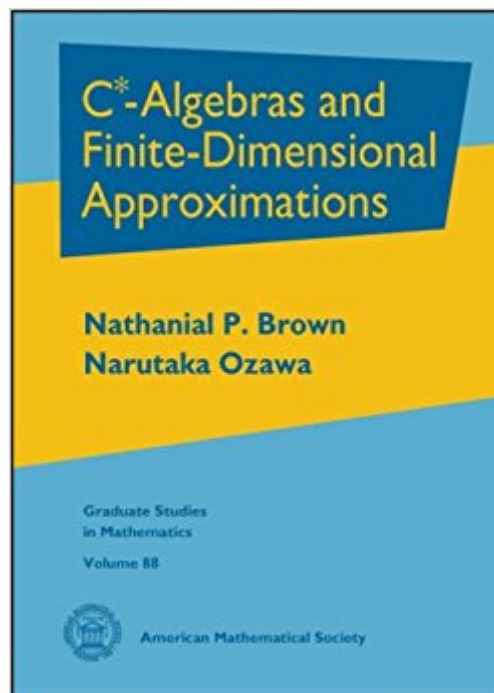




The book was found

C^* -Algebras And Finite-Dimensional Approximations (Graduate Studies In Mathematics)



Synopsis

C^* -approximation theory has provided the foundation for many of the most important conceptual breakthroughs and applications of operator algebras. This book systematically studies (most of) the numerous types of approximation properties that have been important in recent years: nuclearity, exactness, quasidiagonality, local reflexivity, and others. Moreover, it contains user-friendly proofs, insofar as that is possible, of many fundamental results that were previously quite hard to extract from the literature. Indeed, perhaps the most important novelty of the first ten chapters is an earnest attempt to explain some fundamental, but difficult and technical, results as painlessly as possible. The latter half of the book presents related topics and applications--written with researchers and advanced, well-trained students in mind. The authors have tried to meet the needs both of students wishing to learn the basics of an important area of research as well as researchers who desire a fairly comprehensive reference for the theory and applications of C^* -approximation theory.

Book Information

Series: Graduate Studies in Mathematics (Book 88)

Hardcover: 509 pages

Publisher: American Mathematical Society (March 12, 2008)

Language: English

ISBN-10: 0821843818

ISBN-13: 978-0821843819

Product Dimensions: 1.2 x 7.2 x 10.2 inches

Shipping Weight: 2.4 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #857,018 in Books (See Top 100 in Books) #125 in [Books > Science & Math > Mathematics > Pure Mathematics > Finite Mathematics](#) #335 in [Books > Science & Math > Mathematics > Pure Mathematics > Algebra > Linear](#) #2303 in [Books > Textbooks > Science & Mathematics > Mathematics > Algebra & Trigonometry](#)

Customer Reviews

"This exciting book takes its readers through a wide palette of topics of current interest within operator algebras and operator space theory. ... These authors have succeeded very well in writing a book that is at the same time a textbook for (graduate) students and a research monograph for experts. ...the entire book makes for enjoyable reading for both types of readers thanks to its clear,

informal and witty style. Each section ends with a list of appetizing exercises. ...no other book so far has taken this particular charming path through the landscapes of operator algebras." ----

Mathematical Reviews

[Download to continue reading...](#)

trm^* -Algebras and Finite-Dimensional Approximations (Graduate Studies in Mathematics)
Theory of Operator Algebras I (Operator Algebras and Non-Commutative Geometry V) Lie Groups,
Lie Algebras, and Representations: An Elementary Introduction (Graduate Texts in Mathematics)
Introduction to Lie Algebras and Representation Theory (Graduate Texts in Mathematics) (v. 9)
Finite-Dimensional Linear Analysis: A Systematic Presentation in Problem Form (Dover Books on
Mathematics) Finite-Dimensional Vector Spaces: Second Edition (Dover Books on Mathematics)
Finite Mathematics and Calculus with Applications Plus MyMathLab with Pearson eText -- Access
Card Package (10th Edition) (Lial, Greenwell & Ritchey, The Applied Calculus & Finite Math Series)
Finite Mathematics Plus MyMathLab with Pearson eText -- Access Card Package (11th Edition)
(Lial, Greenwell & Ritchey, The Applied Calculus & Finite Math Series) Finite-Dimensional
Variational Inequalities and Complementarity Problems (Springer Series in Operations Research
and Financial Engineering) Finite-Dimensional Vector Spaces Lie Algebras (Dover Books on
Mathematics) The Finite Element Method: Linear Static and Dynamic Finite Element Analysis
(Dover Civil and Mechanical Engineering) How the Universe Got Its Spots: Diary of a Finite Time in
a Finite Space Algebraic Curves and Riemann Surfaces (Graduate Studies in Mathematics, Vol 5)
Free Money for Graduate School: A Guide to More Than 1,000 Grants and Scholarships for
Graduate Study Insider's Guide to Graduate Programs in Clinical and Counseling Psychology:
2016/2017 Edition (Insider's Guide to Graduate Programs in Clinical & Counseling Psychology)
Toric Varieties (Graduate Studies in Mathematics) Introduction to Tropical Geometry (Graduate
Studies in Mathematics) Fourier Analysis (Graduate Studies in Mathematics) An Epsilon of Room
Real Analysis: Pages from Year Three of a Mathematical Blog (Graduate Studies in Mathematics)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)