



Fundamentals of the Theory of Operator Algebras: Elementary Theory: v. 1 (New edition)

By Richard V. Kadison, John R. Ringrose

American Mathematical Society. Hardback. Book Condition: new. BRAND NEW, Fundamentals of the Theory of Operator Algebras: Elementary Theory: v. 1 (New edition), Richard V. Kadison, John R. Ringrose, This work and "Fundamentals of the Theory of Operator Algebras Volume II, Advanced Theory" present an introduction to functional analysis and the initial fundamentals of C^* - and von Neumann algebra theory in a form suitable for both intermediate graduate courses and self-study. The authors provide a clear account of the introductory portions of this important and technically difficult subject. Major concepts are sometimes presented from several points of view; the account is leisurely when brevity would compromise clarity. An unusual feature in a text at this level is the extent to which it is self-contained; for example, it introduces all the elementary functional analysis needed. The emphasis is on teaching. Well supplied with exercises, the text assumes only basic measure theory and topology. The book presents the possibility for the design of numerous courses aimed at different audiences. These two volumes represent a magnificent achievement. They will be an essential item on every operator algebraist's bookshelves and will surely become the primary source of instruction for research students in von Neumann algebra theory...



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