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Vol 1 Algebras And Banach Algebras

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weakly standard bcc algebras c algebras 27 28 and others in recent times the
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denote a complex banach algebra with unit element 1 and h the set of
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algebra $a$ we denote its spectrum relative to $a$ by $\text{spec } a$ and its spectral radius by $p_a$. This volume expounds the general theory of Banach algebras and shows how their topology is often determined by their algebraic structures. It synthesizes work in this area from the past 20 years, including many new and unpublished results, and probes the questions of when homomorphisms and derivations from Banach algebras are automatically continuous and seeks canonical forms for these maps. It is well known that for Banach algebras generated by two idempotents and the identity all irreducible representations are of order not greater than two; these representations have been described completely and have found important applications to symbol theory. This is the first volume of a two-volume set that provides a modern account of basic Banach algebra theory including all known results on general Banach algebras. This account emphasizes the role of algebra structure and explores the algebraic results which underlie the theory of Banach algebras and algebras.


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