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ISBN	3-540-48367-5
Edizione	[1st ed. 1994.]
Descrizione fisica	1 online resource (XXII, 498 p.)
Collana	Lecture notes in mathematics ; ; 1573
Disciplina	515.7
Soggetti	Functional analysis
Lingua di pubblicazione	Inglese
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Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Banach spaces -- Banach algebras -- Probabilistic problems -- Holomorphic operator functions -- General operator theory -- Perturbation theory scattering theory -- Hankel and Toeplitz operators -- Close to normal operators -- Functional models -- Singular integrals, BMO, Hp.
Sommario/riassunto	The 2-volume book is an updated, reorganized and considerably enlarged version of the previous edition of the Research Problem Book in Analysis (LNM 1043), a collection familiar to many analysts, that has sparked off much research. This new edition, created in a joint effort by a large team of analysts, is, like its predecessor, a collection of unsolved problems of modern analysis designed as informally written mini-articles, each containing not only a statement of a problem but also historical and methodological comments, motivation, conjectures and discussion of possible connections, of plausible approaches as well as a list of references. There are now 342 of these mini- articles, almost twice as many as in the previous edition, despite the fact that a good deal of them have been solved!