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Titolo	Multiplication Operators on the Bergman Space [[electronic resource] /] / by Kunyu Guo, Hansong Huang
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Disciplina	515.724
Soggetti	Operator theory Functional analysis Operator Theory Functional Analysis
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Includes Index.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Introduction -- Some preliminaries -- Cowen-Thomson's theorem -- Reducing subspaces associated with finite Blaschke products -- Reducing subspaces associated with thin Blaschke products -- Covering maps and von Neumann algebras -- Operator-theoretic aspect on von Neumann algebras -- Similarity and unitary equivalence.
Sommario/riassunto	This book deals with various aspects of commutants and reducing subspaces of multiplication operators on the Bergman space, along with relevant von Neumann algebras generated by these operators, which have been the focus of considerable attention from the authors and other experts in recent years. The book reviews past developments and offers insights into cutting-edge developments in the study of multiplication operators. It also provides commentary and comparisons to stimulate research in this area.