

1. Record Nr.	UNINA9910813788803321
Autore	Pluta Robert
Titolo	Ranges of bimodule projections and conditional expectations // by Robert Pluta
Pubbl/distr/stampa	Newcastle upon Tyne : , : Cambridge Scholars Publishing, , 2013
ISBN	1-4438-6786-1
Descrizione fisica	1 online resource (212 p.)
Disciplina	512.25
Soggetti	Algebra Rings (Algebra)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (pages 194-204).
Nota di contenuto	4.5 Row and Column Spaces4.6 Characterization of Row and Column Spaces; 4.7 Tripotents and Peirce Spaces; CHAPTER 5 - CORNERS IN $C(K)$; 5.1 Retracts in Compact and Locally Compact Spaces; 5.2 Sigma-algebra of Sets and Commutative Algebras; 5.3 Algebras of Continuous Functions and Measures; 5.4 Common Zeros; 5.5 Discontinuous Conditional Expectations; 5.6 Review of Results on Automatic Continuity; 5.7 Closure Question - Commutative Case; 5.8 Existence of Bounded Conditional Expectations - Commutative Case; 5.9 Remarks on the Non-commutative Case; CHAPTER 6 - ADDENDUM
Sommario/riassunto	The algebraic theory of corner subrings introduced by Lam (as an abstraction of the properties of Peirce corners eRe of a ring R associated with an idempotent e in R) is investigated here in the context of Banach and C^* -algebras. We propose a general algebraic approach which includes the notion of ranges of (completely) contractive conditional expectations on C^* -algebras and on ternary rings of operators, and we investigate when topological properties are consequences of the algebraic assumpt...