

Hilbert C^* -modules with complementing property

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We give the characterization and description of all full Hilbert C^* -modules and associated C^* -algebras having the property that each relatively strictly closed submodule is orthogonally complemented. A strict topology is determined by essential ideal in the associated algebra and related ideal submodule. It is shown that these are some modules over hereditary C^* -algebras containing the essential ideal isomorphic to algebra of (not necessarily all) compact operators on a Hilbert space. The characterization and description of that broader class of Hilbert modules and associated C^* -algebras is given.