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Real Gelfand-Mazur algebras

The description of several classes of real Gelfand-Mazur algebras and the descriptions of closed maximal one-sided ideals in algebras of these classes are given. Descriptions of closed maximal one-sided ideals in $C(X;A)$ the topological algebra of A -valued continuous functions on a topological space X for a given real Gelfand-Mazur algebra A are studied as an application.

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