

Jordan algebras and Scorza varieties

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Scorza varieties are geometric objects defined in terms of projective geometry. F. L. Zak proved a classification of all Scorza varieties, revealing a very strong link between Scorza varieties and Jordan algebras. The aim of this talk is to understand better this link.

The objects this talk deals with (Scorza varieties and Jordan algebras) are the ones which appear on the second row of Freudenthal's magic square, as will be defined by Laurent Manivel.