

Locally isotropic elementary groups and their central extensions

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The elementary subgroup of a general linear group over a ring is the largest perfect subgroup and it admits a nice generating set. This group and its perfect central extension called the Steinberg group play central role in the theory of linear groups over rings.

In this talk we discuss a generalization of these notions to the locally isotropic case, e.g. to the automorphism group of a finite projective module over a commutative ring.

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