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# Quadratic forms, Algebraic groups and Motivic equivalence

*jeudi 8 décembre 2022 15:00 (1 heure)*

Correspondences on projective homogeneous varieties have been studied extensively during the last 40 years. In quadratic form theory, these techniques produced significant progress on some very classical questions. Starting from quadratic forms, and from a famous theorem due to Vishik on motivic equivalence for quadrics, we will present some recent results on projective homogeneous varieties. We will also explain how Hermitian forms, and more precisely Hermite's point of view on Hermitian forms, is related to these results.

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