

Research project **PB**
Pairings via biextensions

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Research project short description:

The starting point is to read the articles in the references.

References:

B. Mazur, J. Tate: *Canonical height pairings via biextensions*, Arithmetic and geometry, Vol. I, 195–237, Progr. Math., 35, Birkhauser Boston, Boston, MA, 1983.

D. Harari, T. Szamuely: *Arithmetic duality theorems for 1-motives*, J. Reine Angew. Math. 578 (2005), 93–128.