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Reconstructing rational stable motivic homotopy theory. (English) Zbl 1475.14046
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Summary: Using a recent computation of the rational minus part of $SH(k)$ by Ananyevskiy, Levine and Panin, a theorem of Cisinski and Déglise and a version of the Röndigs and Østvær theorem, rational stable motivic homotopy theory over an infinite perfect field of characteristic different from 2 is recovered in this paper from finite Milnor-Witt correspondences in the sense of Calmès and Fasel.

MSC:
14F42 Motivic cohomology; motivic homotopy theory
14F08 Derived categories of sheaves, dg categories, and related constructions in algebraic geometry

Keywords:
Motivic homotopy theory; generalized correspondences; triangulated categories of motives

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