

## Rigidity for relative 0-cycles

FEDERICO BINDA AND AMALENDU KRISHNA

**Abstract.** We present a relation between the classical Chow group of relative 0-cycles on a regular scheme  $\mathcal{X}$ , projective and flat over an excellent Henselian discrete valuation ring, and the Levine-Weibel Chow group of 0-cycles on the special fiber. We show that these two Chow groups are isomorphic with finite coefficients under extra assumptions. This generalizes a result of Esnault, Kerz and Wittenberg.

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