

On some realizations of motives with modulus

lundi 24 octobre 2022 15:20 (1 heure)

The theory of motives with modulus was introduced as a generalization of Voevodsky's theory of motives. This generalization aims to get a motivic picture of non- A^1 -homotopy invariant phenomena, which cannot be captured by Voevodsky's theory. In this talk, I will briefly review the basics of the theory, and explain the construction of Hodge realization of motives with modulus, based on the ongoing joint works with Shane Kelly. If time permits, I will try to explain my recent joint work with Junnosuke Koizumi on the relationship between motives with modulus and big Witt vectors.

Orateur: MIYAZAKI, Hiroyasu (NTT Institute for Fundamental Mathematics (NTT-IFM))

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