

The 7th East Asia Number Theory Conference

The A_{∞} -cohomology in the semistable case

Prof. Teruhisa Koshikawa

2018 - 02 - 06 (Tue.)

14:00 - 14:50

101, Mathematics Research Center Building (ori. New Math. Bldg.)

I will discuss the A_{∞} -cohomology in the case of semistable reduction, extending the work of Bhatt-Morrow-Scholze. Our cohomology theory interpolates the log crystalline cohomology, the log de Rham cohomology, and the étale cohomology. This is joint work with Kestutis Česnavičius.



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