CASTS TALKS

The 7th East Asia Number Theory Conference

Some aspects on Riemann-Roch problems in Arakelov geometry

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2018 - 02 - 08 (Thu.)
11:10 - 12:00
101, Mathematics Research Center Building (ori. New Math. Bldg.)

In this talk, we introduce several Riemann-Roch problems in the context of Arakelov geometry. They deduce various interesting structural and quantitative statements which relate arithmetical invariants of algebraic varieties to special values of logarithmic derivatives of L-functions.

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