Séminaire de théorie des nombres

Le 17 novembre à 14h

Hermitian vector bundles and extension groups on arithmetic varieties.

Klaus Künnemann

Résumé : We define arithmetic extension groups, compute these groups in certain cases and introduce heights of extensions over arithmetic curves. We investigate classes of natural extensions in arithmetic geometry : The Hodge and the Atiyah extension.

This is joint work with J. B. Bost.