



ID de Contribution: 8

Type: **Non spécifié**

Smooth K -theory

mercredi 8 novembre 2017 09:00 (50 minutes)

Smooth K -theory is defined on a smooth manifold as an extension of topological K -theory by differential forms. In the case of a proper submersion, direct image for smooth K -theory is defined using Bismut and al.'s eta-forms, which are differential forms entering in the transgression of the local families index theorem. The construction of a direct image in the case of a closed immersion should use corresponding objects which are currents instead of smooth differential forms.

Orateur: BERTHOMIEU, Alain