Contribution ID: **14**   Type: **not specified**

Spectral metric and Einstein tensors.

Thursday 29 September 2022 11:20 (1 hour)

We define bilinear functionals of vector fields and differential forms, the densities of which yield the metric and Einstein tensors on even-dimensional Riemannian manifolds. We generalise these concepts in noncommutative geometry and, in particular, we prove that for the conformally rescaled geometry of the noncommutative two-torus the Einstein functional vanishes.

Presenter: DABROWSKI, Ludwik

Session Classification: 29-morning