Oberseminar Geometrie
Department of Mathematics
University of Fribourg
Physics 2.52
Wednesday, 13 March 2024, 10:20

Sami Douba (IHES)

Systoles of hyperbolic hybrids

We exhibit in any dimension $n > 2$ and for any positive integer m a collection of m pairwise incommensurable closed hyperbolic n-manifolds of the same volume each possessing a unique shortest closed geodesic of the same length less than $1/m$.