Stability of n-tori

with

lower Ricci curvature bounds II

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16:00-17:00h on campus in M.G.004
Analysis & Geometry Seminar, Antwerpen

In this second half of the talk, we will quickly discuss the construction of twisted spinors on tori. After that, we will look at the interaction of harmonic spinors and harmonic one forms. Finally, we will discuss an averaging process which allows one to move from large covers of a torus back to the original torus itself. The result will be the proof that tori with bounded Ricci curvature, and whose negative part of their scalar curvature is small, are close to flat tori.