Oberseminar Geometrie und Topologie

Wintersemester 2019/2020

Changliang Wang PhD

McMaster University / Canada

On the linear instability of some Einstein metrics

19. November 2019 – 16.15 Uhr
Seminarraum IGT, Raum 7.530, Pfaffenwaldring 57

Abstract: I will report some joint work with Prof. Uwe Semmelmann and Prof. McKenzie Wang on the linear stability question of Einstein metrics. We proved the linear instability of some Einstein metrics with positive scalar curvature, in particular, including some families of Riemannian manifolds with real Killing spinors, and low dimensional homogeneous non-symmetric Einstein manifolds.

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