

abstract

GEOMETRIC PDE SEMINAR

Topic:

Speaker:

Affiliation:

Date:

Time/Room:

We discuss Einstein-scalar field Lichnerowicz equations on compact Riemannian manifolds from the viewpoint of existence results and stability issues. We prove that the Einstein-scalar field Lichnerowicz equation is stable when $n \leq 5$, and instable when $n \geq 6$.