Moduli spaces of non-negatively curved metrics on homotopy RP^5 s

Friday, November 9, 2018 11:40 AM (50 minutes)

The goal of this talk is to discuss the following result: for a manifold homotopy equivalent to RP^5 , the moduli space of metrics with non-negative sectional (resp. with positive Ricci) curvature has infinitely many path connected components. The proof involves various elements such as Brieskorn spheres, Grove-Ziller metrics, reduced eta-invariants and fixed point formulas. This is joint work with Anand Dessai.

Summary

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