Institut für Geometrie und Topologie

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Manifolds with many different geometries of positive Ricci curvature

7. November 2024– 16:15 Uhr Raum 7.530

Abstract: We first exhibit homotopy projective spaces which carry infinitely many metrics of positive Ricci curvature representing different components in the respective moduli space. These examples are then used as building blocks to construct other manifolds with this property.

