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Homogeneous Einstein metrics and local maxima of the Hilbert action. (English)

J. Geom. Phys. 178, Article ID 104544, 7 p. (2022)

Summary: In this short note, three infinite families of neutrally stable homogeneous Einstein metrics are ruled out as candidates for local maxima of the Hilbert action.

MSC:
53C25 Special Riemannian manifolds (Einstein, Sasakian, etc.)
53C30 Differential geometry of homogeneous manifolds

Keywords:
Einstein metrics; Hilbert action; homogeneous manifolds

Full Text: DOI

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