

**THE SIGNATURE OF THE RICCI CURVATURE OF
LEFT-INVARIANT RIEMANNIAN METRICS ON
FOUR-DIMENSIONAL LIE GROUPS.
THE UNIMODULAR CASE**

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We obtain a complete classification of all possible values of the signature of the Ricci curvature of left-invariant Riemannian metrics on four-dimensional unimodular Lie groups.

Key words and phrases: homogeneous Riemannian manifold, Lie algebra, Lie group, left-invariant Riemannian metric, Ricci curvature.

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