

HARMONICITY OF THE WEYL TENSOR OF LEFT-INVARIANT RIEMANNIAN METRICS ON FOUR-DIMENSIONAL UNIMODULAR LIE GROUPS

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This paper provides a complete classification of the four-dimensional unimodular Lie algebras whose Lie groups are endowed with a left-invariant Riemannian metric and a harmonic Weyl tensor.

Key words and phrases: Lie groups and algebras, left-invariant Riemannian metrics, harmonic Weyl tensor.

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