**Geometric Foundations of Gravity 2025** 



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## Algebraic classification of the gravitational field in general metric-affine geometries

We present the full algebraic classification of the gravitational field in four-dimensional general metric-affine geometries. As an immediate application, we determine the algebraic types of the broadest family of static and spherically symmetric black hole solutions with spin, dilation and shear charges in Metric-Affine Gravity.

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