## HOLONOMY AND G-STRUCTURES

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ABSTRACT. At the beginning we will describe the notion of holonomy and its relation with the curvature and torsion-free or integrable G-structures in order to display the Riemannian holonomy Berger's Theorem. Then we will focus on some non-integrable G-structures, that is, G-structures with torsion. In particular, we will expose the recent progress on the structure of nearly Kähler manifolds.

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