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The Geometrical Trinity of Gravity and the perils in affinesia

Abstract: The standard lore attributes gravity to the curvature of the spacetime as dictated by Einstein equations. I will discuss the conventional character of this association and present alternative geometrical frameworks where gravity can be alternatively ascribed to torsion and to non-metricity resulting in theories that reproduce the dynamics of General Relativity. Finally, I will discuss how going beyond the General Relativity equivalents leads to pathological theories.

Seminario B118

Martes 25 de Febrero de 2020 (17:00) Organiza: Física Matemática (MathPhys)

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