

Cecilia Bejarano: Modified teleparallelism: an alternative approach of modified gravity

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The so-called $f(T)$ theories of gravity are a generalization of the well-known teleparallel equivalent of General Relativity in which the dynamical relevant object is the tetrad instead of the metric tensor and the degrees of freedom are encoded in the torsion rather than in the curvature. I will present the principal features of the teleparallel picture and some examples showing how this novel approach works.