



JOINT CCQC - CCTP SEMINAR

Monday, 27 October 2014

13:30-14:30

2nd Floor Seminar Room

Teleparallel equivalent of Gauss-Bonnet gravity

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Abstract

A discussion of the teleparallel equivalent of Einstein gravity and other theories is given. The teleparallel equivalent term of Gauss-Bonnet gravity is presented in arbitrary dimensions, as well as a new class of modified gravities based on this term. A cosmological analysis of this theory is performed together with a stability analysis. For a non-minimal coupling of a scalar field with the torsion scalar a solution is presented.

