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## Cosmological Perturbations in Horava-Lifshitz Gravity

*Wednesday, April 20, 2011 5:25 PM (15 minutes)*

We consider the most general action of Horava-Lifshitz Gravity in the presence of scalar matter with and without the projectability condition, determine the actual number of propagating degrees of freedom of the linearized theory on the cosmological background and discuss the stability of the extra scalar mode that the theory exhibits.

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