



Modified Bianchi type- I cosmological model by using cosmological constant

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Abstract

We investigate the modified Bianchi type I cosmological model by using cosmological constant i.e. Cosmological constant is proportional to the square of the Hubble parameter. In this condition Einstein's field equations with variable cosmological constant is considered in presence of perfect fluid.

Keywords: Bianchi type I, universe, varying cosmological constant Λ , cosmology, Hubble parameter.

MSC 2010 Classification: 83C05, 83C15.

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