The mechanism for the introduction of the extrema of the cosmological constant into the Hubble radius

L. R. J. Almeida, H. M. Marques

Abstract

We study the mechanism for the introduction of the extrema of the cosmological constant into the Hubble radius through the expansion of a model like the Hubble inflation. We use the Hubble parameter as an example and study the effect of the Hubble parameter on the cosmological parameters. We find that the introduction of the extrema of the cosmological constant in the Hubble radius is accompanied by the expansion of the model like the Hubble radius. This results in the projection of the Hubble parameter into the extrema of the cosmological constant. The effect of the Hubble parameter on the cosmological parameters is studied.