

**BIANCHI TYPE-V MODELS IN SELF-CREATION COSMOLOGY WITH
CONSTANT DECELERATION PARAMETER.** R. K. Tiwari

Abstract

Bianchi type-V cosmological model is obtained in Barbers second self-creation theory with perfect fluid by assuming a special law of variation for Hubbles parameter that yields a constant value of deceleration parameter. Some physical consequences of the models have been discussed in case of Zel'dovich fluid and radiation dominated fluid.