

## COSMOLOGICAL ANISOTROPIC SPATIALLY HOMOGENEOUS BULK VISCOUS MODEL IN PRESENCE OF RADIATING DUST DISTRIBUTION

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### Abstract

The interaction of bulk viscous fluid in presence of radiating dust distribution with the equation of state  $\bar{p} = p + \eta u_{;i}^i$  is studied for a non-static stationary Bertotti-Robinson-Space-time (1). It can be verified that radiating dust distribution and bulk viscous fluid distribution with cosmological constant  $\Lambda$  are incomputable in the space time .As the age of the universe increases pressure of the bulk viscous fluid increases .The inter particle distance increases indicating the expansion of the universe and the motion of the liquid gradually become accelerated with increase of bulk viscous  $\eta$  .

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**Keywords:** cosmology, cosmological constant, bulk viscous, viscosity, barotropic Fluid.

**PACS Number:** 04.20.-q

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