

## 73. Bianchi Type VI<sub>0</sub> Magnetized Dark Energy Model in $f(R,T)$ Gravity

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### ABSTRACT

A magnetized dark energy model with EoS parameter is investigated in  $f(R,T)$  gravity in Bianchi type- VI<sub>0</sub> space-time in the presence of perfect fluid source. To obtain a determinate solution special law of variation for Hubble's parameter proposed by Berman [(NuvoCimentoB,74,183(1983))] is used. We have also assumed that the scalar expansion is proportional to shear and the EoS parameter is proportional to skewness parameter. It is observed that the EoS parameter, skewness parameters in the model turn out to be functions of cosmic time. Some physical and kinematical properties of the model are also discussed

**Key words:-** Dark energy, Constant deceleration parameter,  $f(R,T)$  gravity, Bianchi Type VI<sub>0</sub> space-time.