



LRS BIANCHI TYPE-II COSMOLOGICAL MODEL WITH VARYING COSMOLOGICAL CONSTANT Λ

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Abstract

We consider a locally rotationally symmetric Bianchi-II model in the presence of still fluid variable cosmological constant Λ . To solve the Einstein's field equation for LRS Bianchi type II space time has been obtained under the assumption cosmological constant proportional of H where H being Hubble parameter. Some physical and model geometric behavior of the models is discussed.

Keywords: LRS Bianchi type-II, Cosmic strings, perfect fluid

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