

The Features of the Spacetime

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ABSTRACT

In the present work we will emphasize some of the spacetimes features at quantum or even at sub-quantum level. For that purpose we will consider the quantum discreet structure of the spacetime and the macroscopic emergent viscoelastic behavior. The latter task is treated in the frame of the fractional diffintegral calculus. A shallow analysis of a new model of knotted quantum spacetime will be presented as well.