Lemaître Conference 2024



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Again about singularity crossing in gravitation and cosmology

Monday 17 June 2024 11:30 (40 minutes)

We discuss the problem of singularity crossing in isotropic and anisotropic universes. We study the conditions on the disappearance of singularities in quantum cosmology and the behaviour of quantum particles in the vicinity of singularities. Some and attempts to develop general approach to the connection between the field reparametrization and the elimination of singularities will be presented as well.

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