

Theory: Bianchi-I cosmologies, magnetic fields and singularities

Monday, September 4, 2023 4:45 PM (15 minutes)

We study the effects of a spatially homogenous magnetic field in Bianchi-I cosmological models. In particular, we review the case of a pure magnetic field and two models with dust and a massless scalar field (stiff matter), respectively. For all these cases, we analyse the approach to the singularity in some details and comment about the issue of the singularity crossing.

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Session Classification: Parallel Sessions