

A DUST MATTER CONFIGURATION
IN THE EMPTY ENVIRONMENT
WITH Λ -TERM

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S u m m a r y

The model of a dust ball in empty space in the presence of the cosmological constant is built. It is shown that the cosmological constant does not influence the dynamics of the dust ball near a singularity. It is clarified also that the cosmological constant cannot prevent a gravitational collapse. The R - T -structure of the space-time is investigated. The properties of the built model are studied.