

The gravitational field of a massive object in the expanding universe with the dominating presence of collisionless nonrelativistic particles of small mass

Zakharov A., Mukharlyamov R.

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

This paper deals with the determination of the gravitational field of a point massive object in the expanding homogeneous and isotropic Universe where collisionless nonrelativistic particles of small mass dominate. Neutrinos are taken to play the role of such particles in the Universe. © 2005 Springer Science+Business Media, Inc.

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