

Vlasov, A. A.

The mass of Newtonian stars in relativistic theory of gravitation and in general relativity.

(Russian. English summary) [Zbl 0629.53067](#)

Teor. Mat. Fiz. 73, No. 1, 154-160 (1987).

Unlike relativistic theory of gravitation, the mass of a Newtonian star cannot be determined uniquely from the equations of general relativity theory and depends on the arbitrary choice of coordinate conditions.

MSC:

[53B50](#) Applications of local differential geometry to the sciences

[83D05](#) Relativistic gravitational theories other than Einstein's, including asymmetric field theories

Cited in **1** Review

Keywords:

mass of a star; relativistic theory of gravitation