

*T*-SOLUTIONS FOR ANISOTROPIC FLUID  
IN GENERAL RELATIVITY

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S u m m a r y

A number of new nonstatic exact solutions of the Einstein equations for spherically symmetric configurations of an anisotropic fluid are derived and investigated. The metric coefficient  $g_{\theta\theta}$  is assumed to be a function of the time coordinate only (*T*-solutions). It is shown that the evolution of anisotropic fluids may differ drastically from the evolution in perfect fluid models. The solutions obtained may have cosmological application.