

## Conformal Invariance and F(R,T) Gravity

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**Abstract :** In this paper, we consider the equation of motion for the F(R,T) gravity on their property of conformal invariance. It is shown that in the general case such a theory is not conformally invariant. Special cases for the functions  $v$  and  $u$ , in which the properties of the theory can appear, were studied.

**Keywords :** conformal invariance, gravity, space-time, metric

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