

CONFORMAL GRAVITY IN WEAK-FIELD LIMIT

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S u m m a r y

In the weak-field limit, we have found the solution of the field equations of conformal gravity in the case of an arbitrary spherically symmetric stationary distribution of matter in the gauge with the value of a scalar field invariable in space-time. The analysis of the solution obtained allows us to conclude that the consequences of conformal gravity do not agree with the data of observations in the scope of the Sun's system.