

INFLUENCE OF THE KORKINA—GRIGOR'EV
SCALAR FIELD ON PROPERTIES OF TIME-LIKE
SINGULARITIES IN GENERAL
RELATIVITY THEORY

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S u m m a r y

We find and analyze the exact solution of the Einstein equations which generalize the Kasner metric for the case where the singularity is also a source of the massless nonlinear conformal-invariant Korkina—Grigor'ev scalar field. It is shown that such a field does not affect the type of the singularity.