COLÓQUIOS DA PÓS-GRADUAÇÃO 2024

Investigating the existence of ultraviolet fixed points for a scalar tensor theory in a non-usual gauge condition

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The Renormalization Group Equation (RGE) is a very useful tool when we consider Quantum Gravity in the non-perturbative scenario. In this work we are interested on investigating the existence of a ultraviolet (UV) fixed point (FP) in the asymptotic safety scenario in a generalization of the background covariant DeWitt gauge for a Scalar-Tensor theory which involves the scalar field itself. We search for the FP by using the Functional Renormalization Group Equation (FRGE).

04 DEZ

17:00 HRS
AUDITÓRIO AGIR (TORRE NOVA) - IF UFF