

Hyphenation of the scalar-tensor model

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Abstract

We study the scalar-tensor model in the presence of non-perturbative background parameters and derive the hyper-theoretic model in the presence of non-perturbative background parameters. We find that in the presence of non-perturbative background parameters the model degenerates to the second order model, which is the one that corresponds to the vacuum state of the scalar-tensor model with the Higgs collapse.