



## Nucleation in the Chiral Transition with an Inhomogeneous Background

<http://www.firstlight.cn> 2007-06-30

We consider an approximation procedure to evaluate the finite-temperature one-loop fermionic density in the presence of a chiral background field which systematically incorporates effects from inhomogeneities in the chiral field through a derivative expansion. Modifications in the effective potential and their consequences for the bubble nucleation process are discussed.

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