

Fun with thermal dimension-six operators

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We consider effects induced by dimension-six operators in the dimensionally reduced effective theory for thermal QCD ("EQCD"). In particular we demonstrate, through 1-loop and 2-loop computations including dimension-six vertices, that their effects are in general of the same order or larger than 3-loop effects from non-zero Matsubara modes that have recently been determined by Ghisoiu and Schröder.

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