

Revisiting the lattice pure gauge Landau gauge gluon propagator at zero and finite temperature (45+15)

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The computation of the pure gauge Landau gauge gluon propagator is revisited both at zero and finite temperature. For the zero temperature case we discuss the compatibility of the generalised Gribov-Zwanziger predictions and particular attention is given to the computation of the propagator for temperatures near the deconfinement phase transition. Preliminary results for the gluon of the spectral function are also discussed.

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