

Lattice 2024



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High statistical computation of the Landau gauge ghost-gluon vertex

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The lattice computation of the one-particle irreducible ghost-gluon Green function in the Landau gauge is revisited with a set of large gauge ensembles. The large statistical ensembles enable a precision determination of this Green function over a wide range of momenta, accessing its IR and UV properties with a control on the lattice effects.

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