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# The four-gluon and ghost-gluon vertices in the Landau gauge from lattice simulations

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The computation of the four-gluon and ghost-gluon vertices in the Landau gauge using high statistical lattice ensembles for 324 and 484 volumes is addressed. For the four-gluon vertex, our previous results for the collinear kinematics are updated allowing to get a better coverage of the IR region. Furthermore, the one-particle irreducible ghost-gluon Green function in the soft gluon limit is computed covering, with precision, a large momentum region.

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