

## Partial NLO electroweak corrections to Higgs pair production in gluon fusion

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We calculated partial SM NLO electroweak corrections to Higgs pair production in gluon fusion, which are proportional to triple Higgs self-interacting constant. Then we did the same calculations with the Standard Model Effective Field Theory (SMEFT) dimension-6 Higgs self-interacting operators, and calculated the cross sections corresponding to different SMEFT parameters.

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