

# NNLO corrections to Z+H production at lepton colliders

*Monday 15 April 2024 09:00 (30 minutes)*

This contribution reports on a semi-numerical technique for the efficient calculation of electroweak NNLO corrections for 2->2 scattering processes. The method is based on dispersion relations and Feynman parameters, as well as suitable subtraction terms for the UV divergencies. As an important phenomenological application, the NNLO electroweak corrections with closed fermion loops to the Higgs-strahlung process ( $e^+e^- \rightarrow ZH$ ) are presented.

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