

NLO forward jet vertex

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Summary

We calculate in the BFKL approach the jet vertex relevant for the production of Mueller-Navelet jets in proton-proton collisions. We consider both cases of incoming quark and gluon and show explicitly that all infrared divergences cancel when renormalized parton densities are considered.

Primary authors: PAPA, Alessandro (Universita' della Calabria and INFN, Cosenza); PERRI, Amedeo (Universita' della Calabria and INFN, Cosenza); MURDACA, Beatrice (Universita' della Calabria and INFN, Cosenza); IVANOV, Dmitry (Sobolev Institute of Mathematics, Novosibirsk); CAPORALE, Francesco (Universita' della Calabria and INFN, Cosenza)

Presenter: MURDACA, Beatrice (Universita' della Calabria and INFN, Cosenza)

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