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Higgs boson production in gluon fusion to NNLO in the MSSM

We present our calculation of the NNLO production cross section of the Higgs-boson via gluon fusion within the framework of an effective theory.
This includes the determination of the matching coefficient C_1, which contains all hard effects of the heavy SUSY particles, up to three loops in SUSY-QCD.
We will point out the correct treatment of the used supersymmetric regulator (DRED) during the matching procedure.
Finaly numerical results for the cross section are discussed for typical supersymmetric scenarios.

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