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Higgs to SUSY decays

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We present the full one-loop calculations of Higgs bosons to SUSY particles in the MSSM with complex parameters (cMSSM). They include SUSY-QCD and electroweak corrections, as well as real QED and QCD radiation. The size of the corrections are at the level of 10-20%, but can also be higher, depending on the parameter space. Consequently, the one-loop corrections should be included in any precision SUSY Higgs analysis. It is planned to include the results into our code FeynHiggs.

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