

Precise Predictions for M_W in the MSSM with complex Parameters

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We present the currently most complete calculation of the W boson mass in the MSSM. We include a full one-loop calculation, for the time also for complex parameters, the full available SM result as well as all available MSSM two-loop corrections. In a numerical analysis we show the effect of the complex phases and the results for M_W in various MSSM scenarios.

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