

Erratum: Light Higgsino dark matter
[Phys. Rev. D 56, 276 (1997)]

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(Published 3 July 2001)

DOI: 10.1103/PhysRevD.64.039901

PACS number(s): 12.60.Jv, 14.80.Ly, 99.10.+g

There are some errors in the couplings of Higgs bosons to quarks and squarks appearing in Eqs. (16)–(19) of our paper [1]. Specifically, the factors $1/(\sin \beta)$ in the couplings to up-type (s)quarks, and the factors $1/(\cos \beta)$ in the couplings to down-type (s)quarks, should be removed from the definitions of all the coefficients $r^{(q)}$ in Eq. (17) and all the coefficients $r'^{(q)}$ in Eq. (19). These factors have already been included in the definition of the Yukawa couplings in Eq. (4). With this redefinition of these coefficients, Eqs. (16) and (18) remain correct. The overall normalization of the correction in Eqs. (15) is also correct.

The impact of this mistake on our numerical results in Sec. III is minor; the corrections to the Higgs-LSP-LSP couplings should be reduced by $\sim 15\%$, for our choice $\tan \beta = 1.5$. The corresponding change of the predicted LSP scattering rate on Germanium is well below the theoretical uncertainty of this prediction.

We thank Margarete Mühlleitner for bringing this mistake to our attention.

[1] M. Drees, M.M. Nojiri, D.P. Roy, and Y. Yamada, Phys. Rev. D **56**, 276 (1997).