

# Generalized SUSY IIHDM and its implications in DM searches

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## Abstract content

We analyze a generalization of the SUSY IIHD Model in which all possible 6 dimension operators, in the Superpotential, the Kahler Potential and the Gauge Sector, are included. Within this setup, we study the contributions due to these extra operators to Higgs mass spectrum, masses and mixings of Neutralinos and Charginos, and finally estimate the relic abundance for dark matter searches.

## Summary

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