

# A natural SM-like 126 GeV Higgs via non-decoupling D-terms

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Accommodating both a 126 GeV mass and Standard Model (SM) like couplings for the Higgs has a fine tuning price in supersymmetric models. Examples are the MSSM, in which SM-like couplings are natural, but raising the Higgs mass up to 126 GeV requires a considerable tuning, or the NMSSM, in which the situation is reversed: the Higgs is naturally heavier, but being SM-like requires some tuning. I will discuss models with non-decoupling D-terms and show that this tension is alleviated - a 126 GeV SM-like Higgs comes out basically with no fine tuning cost.