



## Abstract Multifield Inflation Scenarios from MSSM \*

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We consider the possible application of the two-Higgs-doublet potential of the Minimal Supersymmetric Standard Model (MSSM) to construct inflation scenarios. We introduce a nonminimal coupling to gravity that includes five scalar fields related with two doublets. We construct inflationary scenariosthat are compatible with observational data using specially selected model parameters.

Conflicts of Interest: The authors declare no conflict of interest.



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