

Aspects of Non-minimal Gauge Mediation

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A large class of non-minimal gauge mediation models, such as (semi-)direct gauge mediation, predict a hierarchy between the masses of the supersymmetric standard model gauginos and those of scalar particles. In addition, the GUT relation of the gaugino masses is broken unlike the case of minimal gauge mediation. I discuss the LHC signals and cosmology of such models.

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