

## Superconformal algebra GUT

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### Abstract

We present a GUT model based on the superconformal algebra that includes the 15 fermions of the Standard Model. The GUT model is based on an implementation of supersymmetry where matter fields are in the adjoint representation. Our construction is based on the Georgi-Glashow SU(5) model, and it circumvents technical difficulties found by Ferrara, Kaku, Townsend and van Nieuwenhuizen in the late seventies. We will discuss some details of the construction and possible applications.

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### Referencias

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