

Stable D7 embeddings in walking backgrounds

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Nonsupersymmetric probe branes play an important role in models of walking technicolor. However, the lack of supersymmetry makes it rather nontrivial to find stable configurations. In particular, the usual kind of embedding, used so far in this context, turns out to have an instability. We describe how to stabilize it by either introducing a certain worldvolume flux or allowing a more general ansatz for the embedding functions.

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