

# Higgsless confronts electroweak and flavor precision tests

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## Summary

I plan to give a brief review on Higgsless theories of electroweak symmetry breaking. In this class of models, electroweak symmetry is assumed to be broken through the boundary condition imposed on an interval extra dimension. Unitarity of the longitudinal W boson scattering can be satisfied thanks to the exchange of spin-1 Kaluza-Klein particles. We show that low energy Higgsless phenomenologies can be well described by a four dimensional effective theory called “three-site Higgsless model”, in which we compute Peskin-Takeuchi S and T parameters including one-loop radiative corrections. We also compute flavor-changing-neutral-current constraints in this model.

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