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# Induced Electroweak Symmetry Breaking and the Composite Twin Higgs

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Induced electroweak symmetry breaking is an alternative to the Standard Model mechanism for triggering the Higgs vev which can preserve a Standard-Model-like Higgs decoupled from additional states. In composite Higgs models, this provides a natural mechanism to explain a hierarchy $v \ll f$ between the EWSB scale and the global symmetry breaking scale. In particular, we describe how composite twin Higgs models with minimal tuning can be realized with this mechanism. A unique feature of this model is the presence of both lower and *upper* bounds on the composite global symmetry breaking scales $\sim 700$ GeV $f \sim 2$ TeV.

## Summary

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