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The baryon asymmetry from a composite Higgs

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We present a study of the electroweak baryogenesis in composite Higgs models, with a focus on the case where the electroweak phase transition (EWPT) happens simultaneously with the confinement phase transition of the new strong sector. We show that the EWPT can naturally be strongly first order, and the scale-dependent top quark Yukawa can result in a sufficient amount of CP violation, without conflict with the current experimental constraints.

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