

CP violating Top-Higgs couplings in Light of LHC Run-2

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We utilize the LHC Run-2 Higgs data to constrain the CP-violating top-Higgs coupling. Within the allowed parameter space, we study the impact of the CP-violating top-Higgs coupling in the Higgs production processes $pp \rightarrow t\bar{t}h, thj, hh$ at 14 TeV LHC, and $e^+e^- \rightarrow Zh, h\gamma$ at 240 GeV CEPC.

Summary

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