

CP Violating Anomalous top quark couplings at the LHC

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We study the T odd correlations induced by CP violating anomalous top quark couplings at both production and decay level in the process $gg \rightarrow t \bar{t} \rightarrow (b \mu + \nu_\mu) (\bar{b} \mu - \nu_{\mu\bar{b}})$. We consider several counting asymmetries at the parton level and find the ones with the most sensitivity to each of these anomalous couplings at the LHC.

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