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Search for new physics with dijet angular distributions in proton-proton collisions at 13 TeV at CMS

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A search for new physics using measurements of dijet angular distributions in proton-proton collisions at $\sqrt{s} = 13\text{-TeV}$ is presented. The data collected with the CMS detector at the CERN LHC correspond to an integrated luminosity of 36.5 fb^{-1} . The distributions are unfolded for detector effects and are compared with predictions from perturbative quantum chromodynamics that include electroweak corrections. Lower limits on various new physics models will also be discussed.

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