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Search for top squark production with CMS detector at 13 TeV

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We present searches of the top squark production with the data collected by CMS detector, at a center-of-mass energy of 13 TeV and correspond to an integrated luminosity of 137/fb. A variety of final state decays are considered with an emphasis on targeting different kinematic regions. These channels have distinctive signatures and deep learning top taggers are used to further optimizes searches.

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