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Searches for supersymmetric partners of third-generation quarks with CMS

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Supersymmetric partners of top and bottom quarks are among the most promising candidates for the next-to-lightest supersymmetric particle. Searches for the pair production of top and bottom squarks have been performed in final states with 0, 1, or 2 charged leptons, jets, and missing transverse energy. The results are obtained using proton-proton collisions at $\sqrt{s} = 13$ TeV, recorded by the CMS experiment in 2016.

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