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Searches for supersymmetric partners of third-generation quarks in CMS

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Supersymmetric partners of third-generation quarks play a crucial role in models of natural supersymmetry. The talk reports on results of searches for top and bottom squarks, based on pp collisions recorded during LHC Run 2 by the CMS experiment. The searches cover final states with 0, 1, or 2 leptons and are interpreted in simplified models that cover different kinematic domains defined by the mass difference between the squark and the lightest supersymmetric particle

Summary

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