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Searches for heavy resonances by ATLAS and CMS

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Many new physics models predict the existence of new, heavy particles. This talk summarizes recent ATLAS and CMS searches for Beyond-the-Standard-Model heavy resonances which decay to pairs of bosons, heavy quarks, or leptons, using Run 2 data collected at the LHC. The experimental methods are explained, including the jet substructure techniques used in some searches to disentangle the hadronic decay products in highly boosted configurations

Auteur principal: AL KHOURY, Konie (Columbia University)

Orateur: AL KHOURY, Konie (Columbia University)

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