

A case study of the LHC mass exclusion limits for the BSM vector resonances

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The ongoing LHC measurements searching for heavy resonances beyond the Standard model set upper bounds on their production cross sections in various decay channels. These upper bounds can be used to derive the mass exclusion limits for the new resonances. In our work, we investigate the mass exclusion limits for the new vector resonances of strongly coupled extensions of the Standard model which interact directly to the third quark generation only.

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