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The LHC limits on the mass and direct couplings of the BSM SU (2)_L+R vector resonance triplet

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We derive the mass exclusion limits for the hypothetical vector resonances of a strongly interacting extension of the Standard Model using the most recent upper bounds on the cross sections for various resonance production processes. The SU(2)_L+R triplet of the vector resonances under consideration is embedded into the effective Lagrangian based on the non-linear sigma model with the 125-GeV SU(2) L+R scalar singlet.

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