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Checks on QED and strong-isospin breaking corrections to the HVP contribution in the standard model prediction of the muon $g-2$

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At the current levels of precision reached in the measurement of the muon $g-2$ by Fermilab, it is essential to control QED and strong-isospin breaking corrections to the HVP contribution to the muon $g-2$. Here we present a number of cross-checks performed on the results for those corrections presented in the BMW's collaboration 2020 computation.

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