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Isospin breaking corrections from massive QED

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Isospin breaking corrections become relevant when aiming to quantify hadronic observables with uncertainties below the percent level. Discretising QED on the lattice is a non-trivial task and several suggested methodologies are available in the literature. Our work uses massive QED, which provides a fully local prescription of QED on the lattice. We present a status update of our ongoing computation of isospin breaking corrections to the spectrum and provide an outlook on future computations.

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