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The (g-2) intermediate window quantity from a coordinate-space method

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We present a calculation of the intermediate window quantity of the hadronic vacuum polarization contribution to the muon g-2 using a Lorentz-covariant coordinate-space method at a fixed pion mass of ~350 MeV. This method is more flexible in the choice of the integration kernel than the time-momentum representation and gives a different perspective on the systematic errors of the g-2 calculation. It furthermore serves as a check for the recent results of the Mainz group.

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