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## The microscopic Twisted Mass Dirac spectrum and the spectral determination of the LECs of Wilson $\chi$ -PT

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We present the comparison of the analytical microscopic spectral density for lattice QCD with  $N_f = 2$  twisted mass fermions with the one obtained on the lattice utilizing configurations produced by the ETM collaboration. We extract estimates for the chiral condensate as well as the low-energy constant  $W_8$  of Wilson  $\chi$ -PT by employing spectral information of the Wilson Dirac operator with fixed index at finite volume.

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