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Quark-gluon vertex and flavour-dependence of dynamical chiral symmetry breaking

In this work, we examine the flavour-dependence of dynamical chiral symmetry breaking (DCSB) due to the effect of different model kernels in the gap equation. For that, we have computed the quark's sigma term and its ratio to the Euclidean constituent mass, that computes the DCSB contribution.

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