

## The $\eta/\eta'$ system and large- $N_c$ ChPT: A Lattice QCD Study

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We compute the masses, decay constants and gluonic matrix elements on the  $\eta$  and  $\eta'$  mesons in lattice simulations across four lattice spacings with the light quark masses reaching down to the physical point. A comparison is made to the Large- $N_c$  chiral perturbation theory (ChPT) predictions and the NLO low energy constants are determined.

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