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## Ghost-gluon coupling power corrections and $\Lambda_{\overline{MS}}$ from twisted-mass lattice QCD at $N_f = 2$ .

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I present results concerning the non-perturbative evaluation of the ghost-gluon running QCD coupling constant from  $N_f = 2$  twisted-mass lattice calculations. Special attention is paid to the treatment of artifacts, in particular the quark mass, and to the different sources of systematical uncertainties. The value of  $\Lambda_{\overline{MS}}$  is computed revealing the presence of a dimension-two  $\langle A^2 \rangle$  gluon condensate.

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talk

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