The gluon propagator from large asymmetric lattices

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The Landau-gauge gluon propagator is computed for the gauge group SU(3) on lattices up to a size of $32^2 \times 200$.

We use the standard Wilson action at $\beta = 6.0$ and compare our results with previous computations using large asymmetric and symmetric lattices at different values of $\beta$. In particular, we focus on the impact of asymmetric lattice geometries on the data and try to extrapolate them to the infinite-volume limit.