

# Computation of the string tension in Yang-Mills theory using large N reduction

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Continuum reduction and Monte Carlo simulation are used to calculate the heavy quark potential and the string tension in large N Yang-Mills theory in three and four dimensions in the confined phase. In addition, the spatial string tension in the 2+1 high T phase is also measured. With reduction, the potential can be calculated out to separations larger than the lattice extent.

**Authors:** Prof. KISKIS, Joe (UC Davis); Prof. NARAYANAN, Rajamani (Florida International University)

**Presenter:** Prof. KISKIS, Joe (UC Davis)

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