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Exponentiation and Renormalization of Wilson line operators

Friday 12 September 2014 15:00 (20 minutes)

I will discuss how Wilson line operators can be exponentiated, and how this exponentiation helps in studying their renormalization properties. Explicit examples will include rectangular Wilson loops, the cyclic Wilson loop and the Polyakov loop correlator. Relations to the Polyakov loop correlator's spectral decomposition will also be discussed.

Based on arXiv:1312.6651 [hep-th]

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