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Correlation Decay for Finite Lattice Gauge Theories

TUM Garching, Boltzmannstr. 3, 85748 Garching Forschungszentrum

<https://tum-conf.zoom-x.de/j/63899719985?pwd=Y24yRmM1SDZYNi9lWEN3eIVqdUc5dz09>

Meeting ID: 638 9971 9985, Passcode: 779907

Abstract: In the setting of lattice gauge theories with finite (possibly non-Abelian) gauge groups at weak coupling, we prove exponential decay of correlations for a wide class of gauge invariant functions, which in particular includes arbitrary functions of Wilson loop observables. Based on joint work with Sky Cao.