

BV Formalism and Perturbative Algebraic Quantum Field Theory (cancelled)

Friday 24 September 2021 17:30 (30 minutes)

In this talk I will report on recent results at the intersection of perturbative algebraic quantum field theory (pAQFT) and the homological approach to perturbative QFT known as the BV formalism. After reviewing the basic notions, I will focus on recent results concerning situations where the given theory has boundary or asymptotic boundary data that have to be taken into account. This can be applied for example to discuss soft modes in QED.

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