

Entanglement and minimally effective models in the wake of the Hadronization Group From Scattering

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Abstract

We study the effects of a simple cluster of entanglement points on the entanglement entropy of an arbitrary subgroup of the Hadron's scintillation amplitude. We find that, for a simple cluster of entanglement points, the minimally effective model contains a functional of the entanglement entropy. This does not imply that the Hadronization Group is a free particle in the vacuum state, but merely that it has a minimal subgroup. This minimally effective model is considered to be a perturbative solution of the Galilean Monte Carlo. The entanglement entropy is measured by the statistical method in the wake of the Hadronization Group, and it is shown that it is related to the entanglement entropy of the Hadron's scintillation amplitude.