

Synergies Towards the Future Standard Model



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Bubbles in AdS

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Considering a CFT dual to the quartic theory in AdS, we used the analytic bootstrap techniques, to find a piece of the anomalous dimensions of double trace operators corresponding to bubble diagrams in AdS at every loop order solely reconstructed from the tree-level data. We then illustrated a relation between these pieces and the iterated unitarity cuts of AdS amplitudes. The work is in progress.

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