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Anatomy of Family Trees in Cosmological Correlators

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Cosmological correlators encode rich information about quantum field theories in a cosmological background and are key observables of cosmological collider physics. However, their analytical computation is a hard problem due to the inherent complexities of these functions. Recently, we solved this problem for all tree-level massive correlators and revealed a universal structure of family trees. In this talk, I will introduce the recent progress on this front.

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