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Dimensionally reduced EFTs for cosmological phase transitions

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In this talk we will summarize the key aspects and advantages of this approach. We will provide a rigorous perturbative method to compute the essential observables for modelling the GW production in a SFOPT, and we will discuss the importance of including higher-order effective operators in these computations, which are often overlooked in the current literature.

Abstract

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In this talk we will summarize the key aspects and advantages of this approach. We will provide a rigorous perturbative method to compute the essential observables for modelling the GW production in a SFOPT, and we will discuss the importance of including higher-order effective operators in these computations, which are often overlooked in the current literature.

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