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An algebraic approach to parametric resurgence

Friday 6 September 2024 14:30 (20 minutes)

Parametric resurgence plays an important role in the study of physical observables, as in most cases correlators will depend on multiple parameters (such as the coupling and gauge group). In this talk I will discuss recent work in algebraic examples of parametric resurgence. We discuss a simple example to elucidate the so-called higher order Stokes phenomena and discuss how a Borel inner-outer matching procedure allows us to view parametric resurgence as a series of non-parametric resurgent problems.

Link to publication (if applicable)

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