EuroPLEx Final Conference



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Resurgent Extrapolation and QFT

Wednesday 13 September 2023 11:00 (45 minutes)

I describe some recent mathematical developments in the search for optimal methods of extrapolation and analytic continuation, based on ideas from the theory of resurgent asymptotics. I will illustrate some of the ideas with applications to examples in quantum field theory. The underlying goal is to be able to quantify errors precisely, and to devise flexible numerical schemes.

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