

Understanding the NLO Scattering Waveform: Soft Limit and Post-Newtonian Expansion

Thursday 14 December 2023 16:30 (30 minutes)

I will present the full NLO scattering waveform computed from the observable based formalism. The waveform satisfies the universal soft theorem up to the NNLO. I will end the talk by comparing the result with that computed from the Multipolar-Post-Minkowskian formalism, which requires a rotation of the incoming center-of-mass frame to align with that at the minimal approach.

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