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Simplifying calculations with chirality-flow

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In a few recent papers we introduced the chirality-flow formalism for tree-level scattering processes. This method, which builds on the separate SL(2,C) nature of left- and right-chiral states, makes it possible to directly write down the value of a Feynman diagram as a Lorentz scalar.

In this presentation I will review the method and make outlooks towards tree-level implementations, calculations beyond leading order and resummation.

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