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Returning CP observables to the frames they belong

Friday, 11 October 2024 10:00 (30 minutes)

Optimal kinematic observables are often defined in specific frames and then approximated at the reconstruction level. We show how multi-dimensional unfolding methods allow us to reconstruct these observables in their proper rest frame and in a probabilistically faithful way. We illustrate our approach with a measurement of a CP phase in the top Yukawa coupling.

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