

Covariant and helicity formalisms

Monday 25 September 2017 14:55 (20 minutes)

The use of covariant formalisms in amplitude analysis is becoming more and more popular among the experimental collaborations. We discuss some of the tensor formalisms available in the literature, and check whether or not they satisfy the S -matrix constraints. We match these to the usual helicity amplitudes, showing that there is no need for “relativistic” corrections.

Author: PILLONI, Alessandro (Jefferson Lab)

Presenter: PILLONI, Alessandro (Jefferson Lab)

Session Classification: Analysis tools

Track Classification: Analysis tools