

Séminaire de physique des particules et de cosmologie

Mardi 12/01/2021, 16:00

(voir dans annonce)

Scattering Amplitudes for Monopoles and the Pairwise Helicities

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After a brief review of the challenges of calculating scattering amplitudes for electric and magnetic charges, as well as a discussion of Wigner's "little group" and the helicity amplitude approach, I will discuss how S-matrix calculations can be extended to include magnetic charges. The answer involves an extension of the concept of helicity to a "pairwise helicity" involving two particles.

The seminar is only on zoom: <https://ijclab.zoom.us/j/94900481972>

<https://indico.in2p3.fr/category/870/>
