Compton Scattering on Stable Targets of Arbitrary Spin.

A. PAIS

CERN - Geneva

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1) On the l.h.s. of eq. (3.13) interchange $\mathbf{k}$ and $\mathbf{k}'$.

2) In eq. (3.30) replace δ_{mn} by $\delta_{mn}/4$.

3) Equation (4.19) and what follows till the end of Sect. 4'2 should be replaced by the following:

$$(4.19) \quad B^{(NLM)} \equiv \langle \epsilon'_{\parallel}, \pm 1 | \epsilon'_m A_{mn}^{(NLM)} \epsilon_n | \epsilon, \mp 1 \rangle.$$

Here ± 1 refers to the target polarization (quantized along the direction of $\mathbf{k}$). $\epsilon'_{\parallel}$ indicates that the final state photon polarization is in the $(\mathbf{k}, \mathbf{k}')$ -plane. Then

$$(4.20) \quad B^{(220)} = -\frac{1}{3} \sqrt{\frac{4}{5}} e^2 Q \epsilon' \cdot \epsilon.$$

Alternative forms can be given by expanding ϵ' in terms of $\cos \theta$.

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