

Field kinematics

Momentum	Norm	Frame
k^μ	$k^2 == k_\mu \, k^\mu$	$n^\mu == \frac{k^\mu}{k}$

Fundamental fields

Fields	Symmetries	SO(3)	Sources
$h_{\alpha\beta}$	StrongGenSet[{1, 2}, GenSet[(1,2)]]	$\frac{1}{3} \, \eta_{\alpha\beta} \, h_{0^+}^{\#1} + h_{2^+\alpha\beta}^{\#1} + h_{1^-\beta}^{\#1} \, n_\alpha + h_{1^-\alpha}^{\#1} \, n_\beta - \frac{1}{3} \, h_{0^+}^{\#1} \, n_\alpha \, n_\beta + h_{0^+}^{\#2} \, n_\alpha \, n_\beta$	$\mathcal{T}_{\alpha\beta}$

SO(3) irreps

SO(3)	Symmetries	Expansion	Sources
$h_{0^+}^{\#1}$	StrongGenSet[{}], GenSet[]]	$h^\alpha_{\alpha} - h_{\alpha\beta} \, n^\alpha \, n^\beta$	$\mathcal{T}_{0^+}^{\#1}$
$h_{0^+}^{\#2}$	StrongGenSet[{}], GenSet[]]	$h_{\alpha\beta} \, n^\alpha \, n^\beta$	$\mathcal{T}_{0^+}^{\#2}$
$h_{2^+\alpha\beta}^{\#1}$	StrongGenSet[{1, 2}, GenSet[(1,2)]]	$h_{\alpha\beta} - \frac{1}{3} \, \eta_{\alpha\beta} \, h^\chi_{\chi} + \frac{1}{3} \, h^\chi_{\chi} \, n_\alpha \, n_\beta - h_{\beta\chi} \, n_\alpha \, n^\chi - h_{\alpha\chi} \, n_\beta \, n^\chi + \frac{1}{3} \, \eta_{\alpha\beta} \, h_{\chi\delta} \, n^\chi \, n^\delta + \frac{2}{3} \, h_{\chi\delta} \, n_\alpha \, n_\beta \, n^\chi \, n^\delta$	$\mathcal{T}_{2^+\alpha\beta}^{\#1}$
$h_{1^-\alpha}^{\#1}$	StrongGenSet[{}], GenSet[]]	$h_{\alpha\beta} \, n^\beta - h_{\beta\chi} \, n_\alpha \, n^\beta \, n^\chi$	$\mathcal{T}_{1^-\alpha}^{\#1}$