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)]]	$\frac{1}{3} \; \eta_{\alpha\beta} \; {}^{\#1}_{0^+}h + {}^{\#1}_{2^+}h_{\alpha\beta} + {}^{\#1}_{1^-}h_\beta \; n_\alpha + {}^{\#1}_{1^-}h_\alpha \; n_\beta - \frac{1}{3} \; {}^{\#1}_{0^+}h \; n_\alpha \; n_\beta + {}^{\#2}_{0^+}h \; n_\alpha \; n_\beta$	$\mathcal{T}_{\alpha\beta}$

SO(3) irreps

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