Field kinematics

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

Fundamental fields

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

SO(3) irreps

SO(3)	Symmetries	Expansion	Sources
$\theta^{\#1}_{0^+}$	StrongGenSet[{}, GenSet[]]	$\theta^\alpha{}_\alpha - \theta^{\alpha\beta} \, n_\alpha \, n_\beta$	$\omega^{\#1}_{0^+}$
$\theta^{\#2}_{0^+}$	StrongGenSet[{}, GenSet[]]	$\theta^{\alpha\beta} \, n_\alpha \, n_\beta$	$\omega^{\#2}_{0^+}$
$\theta^{\#1}_{1^+\alpha\beta}$	StrongGenSet[{1, 2}, GenSet[-(1,2)]]	$\frac{\theta_{\alpha\beta}}{2} - \frac{\theta_{\beta\alpha}}{2} + \frac{1}{2} \, \theta_\beta{}^\chi \, n_\alpha \, n_\chi - \frac{1}{2} \, \theta^\chi{}_\beta \, n_\alpha \, n_\chi - \frac{1}{2} \, \theta_\alpha{}^\chi \, n_\beta \, n_\chi + \frac{1}{2} \, \theta^\chi{}_\alpha \, n_\beta \, n_\chi$	$\omega^{\#1}_{1^+\alpha\beta}$
$\theta^{\#1}_{1^-\alpha}$	StrongGenSet[{}, GenSet[]]	$\theta^\beta{}_\alpha \, n_\beta - \theta^{\beta\chi} \, n_\alpha \, n_\beta \, n_\chi$	$\omega^{\#1}_{1^-\alpha}$
$\theta^{\#2}_{1^-\alpha}$	StrongGenSet[{}, GenSet[]]	$\theta_\alpha{}^\beta \, n_\beta - \theta^{\beta\chi} \, n_\alpha \, n_\beta \, n_\chi$	$\omega^{\#2}_{1^-\alpha}$
$\theta^{\#1}_{2^+\alpha\beta}$	StrongGenSet[{1, 2}, GenSet[(1,2)]]	$\frac{\theta_{\alpha\beta}}{2} + \frac{\theta_{\beta\alpha}}{2} - \frac{1}{3} \, \eta_{\alpha\beta} \, \theta^\chi{}_\chi + \frac{1}{3} \, \theta_\chi{}^\chi \, n_\alpha \, n_\beta - \frac{1}{2} \, \theta_\beta{}^\chi \, n_\alpha \, n_\chi - \frac{1}{2} \, \theta^\chi{}_\beta \, n_\alpha \, n_\chi - \frac{1}{2} \, \theta_\alpha{}^\chi \, n_\beta \, n_\chi - \frac{1}{2} \, \theta^\chi{}_\alpha \, n_\beta \, n_\chi + \frac{1}{3} \, \eta_{\alpha\beta} \, \theta^{\chi\delta} \, n_\chi \, n_\delta + \frac{2}{3} \, \theta^{\chi\delta} \, n_\alpha \, n_\beta \, n_\chi \, n_\delta$	$\omega^{\#1}_{2^+\alpha\beta}$