

Fundamental field	Symmetries	Decomposition into SO(3) irrep(s)	Source
$h_{\alpha\beta}$	Symmetry[2, $h^{\bullet 1 \bullet 2}$ , { $\bullet 1 \rightarrow -a$ , $\bullet 2 \rightarrow -b$ }, 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) irrep	Symmetries	Expansion in terms of the fundamental field	Source SO(3) irrep
$h_{0+}^{\#1}$	Symmetry[0, $h_{0+}^{\#1}$ , {}, StrongGenSet[{}], GenSet[]]	$h^{\alpha}_{\alpha} - h_{\alpha\beta} n^{\alpha} n^{\beta}$	$\mathcal{T}_{0+}^{\#1}$
$h_{0+}^{\#2}$	Symmetry[0, $h_{0+}^{\#2}$ , {}, StrongGenSet[{}], GenSet[]]	$h_{\alpha\beta} n^{\alpha} n^{\beta}$	$\mathcal{T}_{0+}^{\#2}$
$h_{2+ \alpha\beta}^{\#1}$	Symmetry[2, $h_{2+}^{\#1 \bullet 1 \bullet 2}$ , { $\bullet 1 \rightarrow -a$ , $\bullet 2 \rightarrow -b$ }, StrongGenSet[{1, 2}, GenSet[(1,2)]]]	$h_{\alpha\beta} - \frac{1}{3} \eta_{\alpha\beta} h^{\chi}_{\chi} + \frac{1}{3} h^{\chi}_{\chi} n_{\alpha} n_{\beta} - h_{\beta\chi} n_{\alpha} n^{\chi} - h_{\alpha\chi} n_{\beta} n^{\chi} + \frac{1}{3} \eta_{\alpha\beta} h_{\chi\delta} n^{\chi} n^{\delta} + \frac{2}{3} h_{\chi\delta} n_{\alpha} n_{\beta} n^{\chi} n^{\delta}$	$\mathcal{T}_{2+ \alpha\beta}^{\#1}$
$h_{1- \alpha}^{\#1}$	Symmetry[1, $h_{1-}^{\#1 \bullet 1}$ , { $\bullet 1 \rightarrow -a$ }, StrongGenSet[{}], GenSet[]]	$h_{\alpha\beta} n^{\beta} - h_{\beta\chi} n_{\alpha} n^{\beta} n^{\chi}$	$\mathcal{T}_{1- \alpha}^{\#1}$