Fundamental field	Symmetries	Decomposition into SO(3) irrep(s)	Source
$f_{\alpha\beta}$	Symmetry[2, $f^{\bullet 1 \bullet 2}$, {●1 → -a, ●2 → -b}, StrongGenSet[{}, GenSet[]]]	$\frac{1}{3}\,\eta_{\alpha\beta}\,f^{\#1}_{0^+} + f^{\#1}_{1^+\alpha\beta} + f^{\#1}_{2^+\alpha\beta} + f^{\#1}_{1^-\beta}\,n_\alpha + f^{\#2}_{1^-\alpha}\,n_\beta - \frac{1}{3}\,f^{\#1}_{0^+}\,n_\alpha\,n_\beta + f^{\#2}_{0^+}\,n_\alpha\,n_\beta$	$\tau_{\alpha\beta}$
SO(3) irrep	Symmetries	Expansion in terms of the fundamental field	Source SO(3) irrep
$f^{\#1}_{0^+}$	Symmetry[0, $f^{\#1}_{0^+}$, {}, StrongGenSet[{}, GenSet[]]]	$f^{\alpha}{}_{\alpha} - f^{\alpha\beta}\,n_\alpha\,n_\beta$	$\tau^{\#1}_{0^+}$
$f^{\#2}_{0^+}$	Symmetry[0, $f^{\#2}_{0^+}$, {}, StrongGenSet[{}, GenSet[]]]	$f^{\alpha\beta}\,n_\alpha\,n_\beta$	$\tau^{\#2}_{0^+}$
$f^{\#1}_{1^+\alpha\beta}$	Symmetry[2, $f^{\#1\bullet 1\bullet 2}_{1^+}$, {●1 → -a, ●2 → -b}, StrongGenSet[{1, 2}, GenSet[-(1,2)]]]	$\frac{f_{\alpha\beta}}{2} - \frac{f_{\beta\alpha}}{2} + \frac{1}{2}\,f_\beta{}^\chi\,n_\alpha\,n_\chi - \frac{1}{2}\,f^\chi{}_\beta\,n_\alpha\,n_\chi - \frac{1}{2}\,f_\alpha{}^\chi\,n_\beta\,n_\chi + \frac{1}{2}\,f^\chi{}_\alpha\,n_\beta\,n_\chi$	$\tau^{\#1}_{1^+\alpha\beta}$
$f^{\#1}_{1^-\alpha}$	Symmetry[1, $f^{\#1\bullet 1}_{1^-}$, {●1 → -a}, StrongGenSet[{}, GenSet[]]]	$f^{\beta}{}_{\alpha}\,n_\beta - f^{\beta\chi}\,n_\alpha\,n_\beta\,n_\chi$	$\tau^{\#1}_{1^-\alpha}$
$f^{\#2}_{1^-\alpha}$	Symmetry[1, $f^{\#2\bullet 1}_{1^-}$, {●1 → -a}, StrongGenSet[{}, GenSet[]]]	$f_\alpha{}^\beta\,n_\beta - f^{\beta\chi}\,n_\alpha\,n_\beta\,n_\chi$	$\tau^{\#2}_{1^-\alpha}$
$f^{\#1}_{2^+\alpha\beta}$	Symmetry[2, $f^{\#1\bullet 1\bullet 2}_{2^+}$, {●1 → -a, ●2 → -b}, StrongGenSet[{1, 2}, GenSet[(1,2)]]]	$\frac{f_{\alpha\beta}}{2} + \frac{f_{\beta\alpha}}{2} - \frac{1}{3}\,\eta_{\alpha\beta}\,f^\chi{}_\chi + \frac{1}{3}\,f^\chi{}_\chi\,n_\alpha\,n_\beta - \frac{1}{2}\,f_\beta{}^\chi\,n_\alpha\,n_\chi - \frac{1}{2}\,f^\chi{}_\beta\,n_\alpha\,n_\chi - \frac{1}{2}\,f_\alpha{}^\chi\,n_\beta\,n_\chi - \frac{1}{2}\,f^\chi{}_\alpha\,n_\beta\,n_\chi + \frac{1}{3}\,\eta_{\alpha\beta}\,f^{\chi\delta}\,n_\chi\,n_\delta + \frac{2}{3}\,f^{\chi\delta}\,n_\alpha\,n_\beta\,n_\chi\,n_\delta$	$\tau^{\#1}_{2^+\alpha\beta}$