Fundamental field	Symmetries	Decomposition into SO(3) irrep(s)	Source
C_α	(None)	$C^{\#1}_{1^-\,\alpha} + C^{\#1}_{0^+}\, n_\alpha$	$\mathcal{K}_\alpha$
SO(3) irrep	Symmetries	Expansion in terms of the fundamental field	Source SO(3) irrep
$C^{\#1}_{0^+}$	(None)	$C^\alpha\, n_\alpha$	$\mathcal{K}^{\#1}_{0^+}$
$C^{\#1}_{1^-\,\alpha}$	(None)	$C_\alpha - C^\beta\, n_\alpha\, n_\beta$	$\mathcal{K}^{\#1}_{1^-\,\alpha}$