

Fundamental field	Symmetries	Decomposition into SO(3) irrep(s)	Source
$\mathcal{B}_{\alpha\beta}$	$\mathcal{B}_{\beta\alpha} == -\mathcal{B}_{\alpha\beta}$	$\mathcal{B}_{1^+ \alpha\beta}^{\#1} - \mathcal{B}_{1^- \beta}^{\#1} n_\alpha + \mathcal{B}_{1^- \alpha}^{\#1} n_\beta$	$\mathcal{T}_{\alpha\beta}$
SO(3) irrep	Symmetries	Expansion in terms of the fundamental field	Source SO(3) irrep
$\mathcal{B}_{1^+ \alpha\beta}^{\#1}$	$\mathcal{B}_{1^+ \beta\alpha}^{\#1} == -\mathcal{B}_{1^+ \alpha\beta}^{\#1}$	$\mathcal{B}_{\alpha\beta} + \mathcal{B}_{\beta\chi} n_\alpha n^\chi - \mathcal{B}_{\alpha\chi} n_\beta n^\chi$	$\mathcal{T}_{1^+ \alpha\beta}^{\#1}$
$\mathcal{B}_{1^- \alpha}^{\#1}$	(None)	$\mathcal{B}_{\alpha\beta} n^\beta$	$\mathcal{T}_{1^- \alpha}^{\#1}$