Field kinematics

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

Fundamental fields

Fundamental field	Symmetries	Decomposition in SO(3) irreps	Source
$\mathcal{B}_{\alpha\beta}$	StrongGenSet[{1, 2}, GenSet[-(1,2)]]	$\mathcal{B}^{\#1}_{1^+\,\alpha\beta}$ - $\mathcal{B}^{\#1}_{1^-\,\beta}\ n_{\alpha}$ + $\mathcal{B}^{\#1}_{1^-\,\alpha}\ n_{\beta}$	$\mathcal{J}_{\alpha\beta}$

SO(3) irreps

SO(3) irrep	Symmetries	Expansion in fundamental field	Source
$\mathcal{B}^{\#1}_{1^+\,\alpha\beta}$	StrongGenSet[{1, 2}, GenSet[-(1,2)]]	$\mathcal{B}_{\alpha\beta} + \mathcal{B}_{\beta\chi}\ n_{\alpha}\ n^{\chi} - \mathcal{B}_{\alpha\chi}\ n_{\beta}\ n^{\chi}$	$\mathcal{J}^{\#1}_{1^+\,\alpha\beta}$
$\mathcal{B}^{\#1}_{1^-\,\alpha}$	StrongGenSet[{}, GenSet[]]	$\mathcal{B}_{\alpha\beta}\ n^{\beta}$	$\mathcal{J}^{\#1}_{1^-\,\alpha}$