

# Field kinematics

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

## Fundamental fields

Fields	Symmetries	SO(3)	Sources
$\mathcal{B}_{\alpha\beta}$	StrongGenSet[{1,2},GenSet[-(1,2)]]	$\overset{\#1}{1^+} \mathcal{B}_{\alpha\beta} - \overset{\#1}{1^-} \mathcal{B}_\beta \, n_\alpha + \overset{\#1}{1^-} \mathcal{B}_\alpha \, n_\beta$	$\mathcal{T}_{\alpha\beta}$

## SO(3) irreps

SO(3)	Symmetries	Expansion	Sources
$\overset{\#1}{1^+} \mathcal{B}_{\alpha\beta}$	StrongGenSet[{1,2},GenSet[-(1,2)]]	$\mathcal{B}_{\alpha\beta} + \mathcal{B}_{\beta\chi} \, n_\alpha \, n^\chi - \mathcal{B}_{\alpha\chi} \, n_\beta \, n^\chi$	$\overset{\#1}{1^+} \mathcal{T}_{\alpha\beta}$
$\overset{\#1}{1^-} \mathcal{B}_\alpha$	StrongGenSet[{ },GenSet[]]	$\mathcal{B}_{\alpha\beta} \, n^\beta$	$\overset{\#1}{1^-} \mathcal{T}_\alpha$