

# Field kinematics

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

## Fundamental fields

Fundamental field	Symmetries	Decomposition in SO(3) irreps	Source
$\mathcal{B}_\alpha$	StrongGenSet[ {}, GenSet[] ]	$\mathcal{B}_{1^-}^{\#1}{}_\alpha + \mathcal{B}_{0^+}^{\#1} n_\alpha$	$\mathcal{T}_\alpha$

## SO(3) irreps

SO(3) irrep	Symmetries	Expansion in fundamental field	Source
$\mathcal{B}_{0^+}^{\#1}$	StrongGenSet[ {}, GenSet[] ]	$\mathcal{B}^\alpha n_\alpha$	$\mathcal{T}_{0^+}^{\#1}$
$\mathcal{B}_{1^-}^{\#1}{}_\alpha$	StrongGenSet[ {}, GenSet[] ]	$\mathcal{B}_\alpha - \mathcal{B}^\beta n_\alpha n_\beta$	$\mathcal{T}_{1^-}^{\#1}{}_\alpha$