

PSALTer kinematic panel

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

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[]]	$\mathcal{B}_{\alpha\beta} \ n^\beta$	$\overset{\#1}{1^-} \mathcal{T}_\alpha$