Particle spectrograph

Wave operator and propagator

Source constraints/gauge generators	
SO(3) irreps	Multiplicities
$\mathcal{J}_{1^-}^{\#1\,\alpha} == 0$	3
Total constraints:	3

$$\mathcal{B}^{\alpha}\,\mathcal{J}_{\alpha} + \beta\,\partial_{\alpha}\mathcal{B}^{\alpha}\,\partial_{\beta}\mathcal{B}^{\beta}$$

Quadratic (free) Lagrangian density

$\mathcal{J}_{1^-}^{\#1}\dagger^{\alpha}$ $\mathcal{J}_{1^-}^{\#1}{}_{\alpha}$: $\boxed{0}$

$\mathcal{B}_{1^-}^{\#1}\dagger^{\alpha}$ $\mathcal{B}_{1^-}^{\#1}{}_{\alpha}$: $\boxed{0}$

$\mathcal{J}_{0^+}^{\#1}\dagger$ $\mathcal{J}_{0^+}^{\#1}$: $\boxed{\dfrac{1}{\beta k^2}}$

$\mathcal{B}_{0^+}^{\#1}\dagger$ $\mathcal{B}_{0^+}^{\#1}$: $\boxed{\beta k^2}$

Massive and massless spectra

(No massless particles)   (No massive particles)

Unitarity conditions

True