Lagrangian density

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

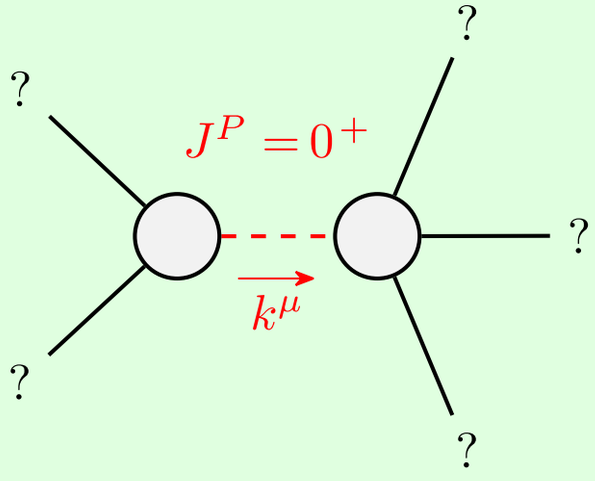
$\mathcal{B}^{\#1}_{1^-}$ † γ $\mathcal{B}^{\#1}_{1^-\,\alpha}$

$\mathcal{J}^{\#1}_{1^-}$ † $\frac{1}{\gamma}$ $\mathcal{J}^{\#1}_{1^-\,\alpha}$

$\mathcal{B}^{\#1}_{0^+}$ † $\gamma + \beta k^2$

$\mathcal{J}^{\#1}_{0^+}$ † $\frac{1}{\gamma+\beta k^2}$ $\mathcal{J}^{\#1}_{0^+}$

(No source constraints)



Massive particle	
Pole residue:	$\frac{1}{\beta} > 0$
Polarisations:	1
Square mass:	$-\frac{\gamma}{\beta} > 0$
Spin:	0
Parity:	Even

Unitarity conditions

$\beta > 0$ && $\gamma < 0$

(No massless particles)