Lagrangian density

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

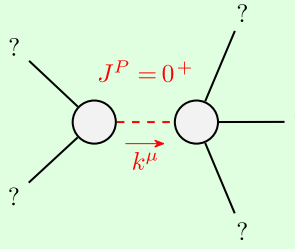
$$\mathcal{B}^{\#1}_{1^-} \dagger^\alpha \boxed{\gamma} \mathcal{B}^{\#1}_{1^-\,\alpha}$$

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

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

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

(No source constraints)



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

(No massless particles)

Unitarity conditions

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