

Lagrangian density

$$\gamma \mathcal{B}_\alpha \mathcal{B}^\alpha + \mathcal{B}^\alpha \mathcal{J}_\alpha - 2\alpha \partial_\alpha \mathcal{B}_\beta \partial^\beta \mathcal{B}^\alpha + 2\alpha \partial_\beta \mathcal{B}_\alpha \partial^\beta \mathcal{B}^\alpha$$

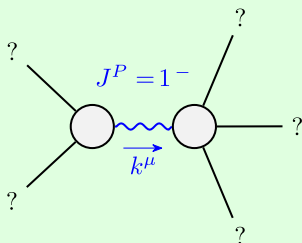
(No source constraints)

$$\mathcal{B}_{1-}^{\#1} + \alpha \mathcal{B}_{1-}^{\#1} \left[\gamma + 2\alpha k^2 \right]$$

$$\mathcal{J}_{1-}^{\#1} + \alpha \mathcal{J}_{1-}^{\#1} \left[\frac{1}{\gamma + 2\alpha k^2} \right]$$

$$\mathcal{J}_{0+}^{\#1} + \left[\frac{1}{\gamma} \right] \mathcal{J}_{0+}^{\#1}$$

$$\mathcal{B}_{0+}^{\#1} + \left[\gamma \right]$$



Massive particle

Pole residue:	$-\frac{1}{2\alpha} > 0$
Polarisations:	3
Square mass:	$-\frac{\gamma}{2\alpha} > 0$
Spin:	1
Parity:	Odd

Unitarity conditions
 $\alpha < 0$ & $\gamma > 0$

(No massless particles)