Lagrangian density

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

Added source term: $\mathcal{B}^\alpha\ \mathcal{J}_\alpha$

$\mathcal{J}_{1^-}^{\#1}\ \dagger^\alpha$ [$\frac{1}{\gamma}$] $\mathcal{J}_{1^-\ \alpha}^{\#1}$

$\mathcal{J}_{0^+}^{\#1}$

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

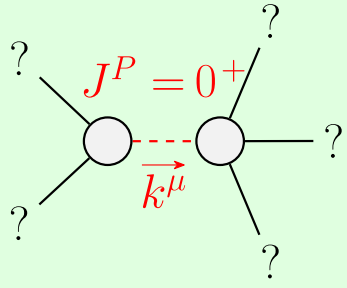
$\mathcal{B}_{1^-\ \alpha}^{\#1}$

$\mathcal{B}_{1^-}^{\#1}\ \dagger^\alpha$ [γ]

$\mathcal{B}_{0^+}^{\#1}$

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

(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)