Lagrangian density

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

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

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

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

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

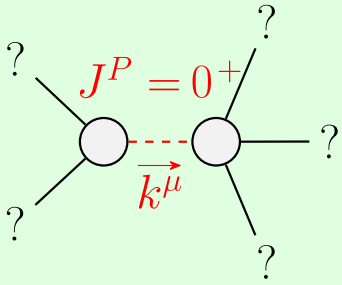
$\mathcal{B}_{1^-}^{\#1}{}_\alpha$

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