Lagrangian density

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

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

$\mathcal{B}^{\#1}_{1^-}\dagger^\alpha$ $\boxed{\gamma + 2\,\alpha\,k^2}$ $\mathcal{B}^{\#1}_{1^-\alpha}$

(No source constraints)

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

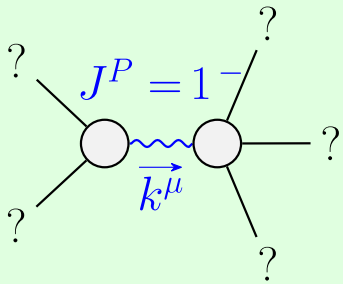
$\mathcal{J}^{\#1}_{1^-}\dagger^\alpha$ $\boxed{\frac{1}{\gamma+2\,\alpha\,k^2}}$

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

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

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

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



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)