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)

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

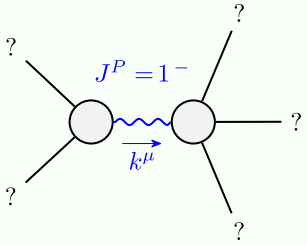
$$\mathcal{J}_{0^+}^{\#1} \dagger \boxed{\frac{1}{\gamma}}\,\mathcal{J}_{0^+}^{\#1}$$

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

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

(No massless particles)

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



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