Lagrangian density

$$\beta\,\mathcal{B}_{\alpha\beta}\,\mathcal{B}^{\alpha\beta} + \mathcal{B}^{\alpha\beta}\,\mathcal{J}_{\alpha\beta} - \frac{2}{3}\,\alpha\,\partial_\beta\mathcal{B}_{\alpha\chi}\,\partial^\chi\mathcal{B}^{\alpha\beta} + \frac{1}{3}\,\alpha\,\partial_\chi\mathcal{B}_{\alpha\beta}\,\partial^\chi\mathcal{B}^{\alpha\beta}$$
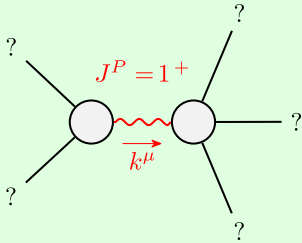
	$\mathcal{J}_{1^-}^{\#1}\dagger^\alpha$	$\mathcal{J}_{1^+}^{\#1}\dagger^{\alpha\beta}$
$\mathcal{J}_{1^+}^{\#1}{}_{\alpha\beta}$	0	$\dfrac{1}{\beta+\frac{\alpha k^2}{3}}$
$\mathcal{J}_{1^-}^{\#1}{}_\alpha$	$\dfrac{1}{\beta}$	0

	$\mathcal{B}_{1^-}^{\#1}\dagger^\alpha$	$\mathcal{B}_{1^+}^{\#1}\dagger^{\alpha\beta}$
$\mathcal{B}_{1^+}^{\#1}{}_{\alpha\beta}$	0	$\beta+\dfrac{\alpha k^2}{3}$
$\mathcal{B}_{1^-}^{\#1}{}_\alpha$	β	0

(No source constraints)

Massive particle	
Pole residue:	$\dfrac{3}{\alpha}>0$
Polarisations:	3
Square mass:	$-\dfrac{3\beta}{\alpha}>0$
Spin:	1
Parity:	Even

$J^P = 1^+$

$\vec{k}^\mu$

(No massless particles)

Unitarity conditions

$\alpha > 0\ \&\&\ \beta < 0$