

Lagrangian density

$$\beta \mathcal{B}_{\alpha\beta} \mathcal{B}^{\alpha\beta} + \mathcal{B}^{\alpha\beta} \mathcal{J}_{\alpha\beta} - \frac{2}{3} \alpha \partial_\beta \mathcal{B}_{\alpha\chi} \partial^\chi \mathcal{B}^{\alpha\beta} + \frac{1}{3} \alpha \partial_\chi \mathcal{B}_{\alpha\beta} \partial^\chi \mathcal{B}^{\alpha\beta}$$

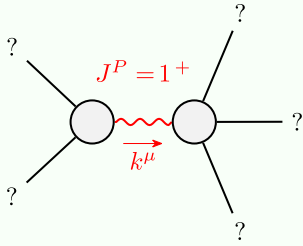
$\mathcal{J}_{1+}^{\#1} + \alpha\beta$   
 $\mathcal{J}_{1-}^{\#1} + \alpha$

$\mathcal{J}_{1+}^{\#1}$	$\mathcal{J}_{1-}^{\#1}$
$\frac{1}{\beta + \frac{\alpha k^2}{3}}$	0
0	$\frac{1}{\beta}$

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

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

(No source constraints)



Massive particle

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

(No massless particles)

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