## Lagrangian density

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

(No source constraints)

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

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

(No massless particles)




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

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