

Lagrangian density

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

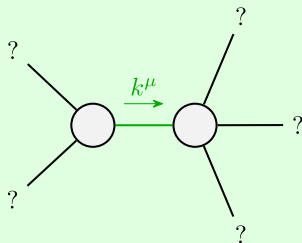
$$\mathcal{J}_{1^-}^{\#1} + \alpha \mathcal{J}_{1^-}^{\#1} \quad \boxed{\frac{1}{2\alpha k^2}}$$

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

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

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

Source constraints	
SO(3) irreps	#
$\mathcal{J}_{0^+}^{\#1} == 0$	1
Total #:	1



Quadratic pole

Pole residue:	$-\frac{1}{\alpha} > 0$
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Polarisations:	2
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Unitarity conditions
 $\alpha < 0$

(No massive particles)