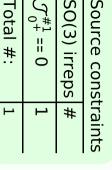
Lagrangian density $\mathcal{B}^{\alpha} \mathcal{J}_{\alpha} - 2 \alpha \partial_{\alpha} \mathcal{B}_{\beta} \partial^{\beta} \mathcal{B}^{\alpha} + 2 \alpha \partial_{\beta} \mathcal{B}_{\alpha} \partial^{\beta} \mathcal{B}^{\alpha}$

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

 $\mathcal{J}_0^{\sharp 1}$



Quadratic pole
Pole residue:
$$-\frac{1}{\alpha} > 0$$
Polarisations: 2

(No massive particles)

 α < 0