Lagrangian density

$$h^{\alpha\beta} \mathcal{T}_{\alpha\beta} - \alpha \partial_{\beta} \partial_{\alpha} h^{\alpha\beta} \partial_{\delta} \partial_{\chi} h^{\chi\delta} + 2 \alpha \partial_{\beta} \partial^{\beta} h^{\alpha}_{\alpha} \partial_{\delta} \partial_{\chi} h^{\chi\delta} - \alpha \partial_{\beta} \partial^{\beta} h^{\alpha}_{\alpha} \partial_{\delta} \partial^{\delta} h^{\chi}_{\chi}$$

Source constraints $\frac{SO(3) \text{ irreps } \#}{\mathcal{T}_{0}^{\#2} == 0} \qquad 1$

$$\mathcal{T}_{1}^{\#1\alpha} == 0 \quad 3$$

$$\frac{\mathcal{T}_{2}^{\#1}^{\alpha\beta} == 0}{\text{Total } \#:} 9$$

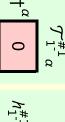
$$h_{2}^{\#1}{}_{\alpha\beta}$$

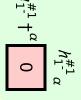
$$\frac{1}{2} + \alpha\beta$$

$$h_{0+}^{\#1} h_{0+}^{\#2}$$

$$h_{0+}^{\#1} + \frac{3 \alpha k^4}{0} 0$$

$$h_{0+}^{\#2} + 0 0$$





Unitarity conditions
True

(No massless particles)

(No massive particles)