

Lagrangian density

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

$\mathcal{T}_{0+}^{\#1} +$	$\mathcal{T}_{0+}^{\#1}$
$\mathcal{T}_{0+}^{\#2} +$	$\mathcal{T}_{0+}^{\#2}$
$\frac{1}{\sqrt{3} \alpha k^2}$	0
$-\frac{4}{3 \alpha k^2}$	$\frac{1}{\sqrt{3} \alpha k^2}$

	$h_{0+}^{\#1}$	$h_{0+}^{\#2}$
$h_{0+}^{\#1} +$	$4 \alpha k^2$	$\sqrt{3} \alpha k^2$
$h_{0+}^{\#2} +$	$\sqrt{3} \alpha k^2$	0

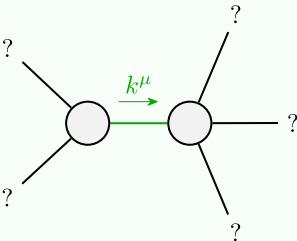
Source constraints	
SO(3) irreps	#
$\mathcal{T}_{1-}^{\#1\alpha} == 0$	3
Total #:	3

$\mathcal{T}_{2+}^{\#1} + \alpha\beta$	$\mathcal{T}_{2+}^{\#1\alpha\beta}$
$\mathcal{T}_{2+}^{\#1} + \alpha\beta$	$\frac{1}{\alpha k^2}$

$h_{2+}^{\#1} + \alpha\beta$	$h_{2+}^{\#1\alpha\beta}$
$h_{2+}^{\#1} + \alpha\beta$	αk^2

$\mathcal{T}_{1-}^{\#1} + \alpha$	$\mathcal{T}_{1-}^{\#1\alpha}$
$\mathcal{T}_{1-}^{\#1} + \alpha$	0

$h_{1-}^{\#1} + \alpha$	$h_{1-}^{\#1\alpha}$
$h_{1-}^{\#1} + \alpha$	0



Quadratic pole

Pole residue:	$\frac{1}{\alpha} > 0$
---------------	------------------------

Polarisations:	3
----------------	---

(No massive particles)

$\alpha > 0$