Lagrangian density

$$\frac{1}{2}\,\alpha\,\partial_\beta h^\chi{}_\chi\,\partial^\beta h^\alpha{}_\alpha + \alpha\,\partial_\alpha h^{\alpha\beta}\,\partial_\chi h_\beta{}^\chi - \alpha\,\partial^\beta h^\alpha{}_\alpha\,\partial_\chi h_\beta{}^\chi - \frac{1}{2}\,\alpha\,\partial_\chi h_{\alpha\beta}\,\partial^\chi h^{\alpha\beta}$$

Added source term: $h^{\alpha\beta}\,\mathcal{T}_{\alpha\beta}$

Source constraints	SO(3) irreps	#
$\mathcal{T}_{0^+}^{\#2}==0$	$\mathcal{T}_{0^+}^{\#2}==0$	1
$\mathcal{T}_{1^-}^{\#1\,\alpha}==0$	$\mathcal{T}_{1^-}^{\#1\,\alpha}==0$	3
Total #:		4

	$\mathcal{T}_{0^+}^{\#1}\dagger$	$\mathcal{T}_{0^+}^{\#2}\dagger$
$\mathcal{T}_{0^+}^{\#1}$	$\frac{1}{\alpha k^2}$	0
$\mathcal{T}_{0^+}^{\#2}$	0	0

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

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

	$h_{2^+}^{\#1}{}_{\alpha\beta}$
$h_{2^+}^{\#1}\dagger^{\alpha\beta}$	$-\frac{\alpha k^2}{2}$

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

	$h_{1^-}^{\#1}{}_{\alpha}$
$h_{1^-}^{\#1}\dagger^{\alpha}$	0

Quadratic pole

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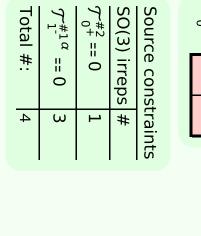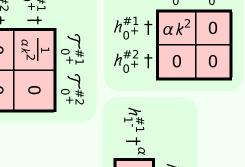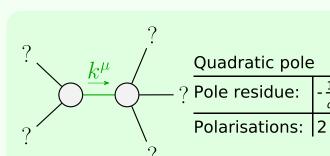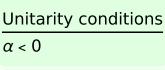
Unitarity conditions

$\alpha < 0$

(No massive particles)