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	#
$\mathcal{T}^{\#2}_{0^+}==0$	1
$\mathcal{T}^{\#1}_{1^-}{}^{\alpha}==0$	3
Total #:	4

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

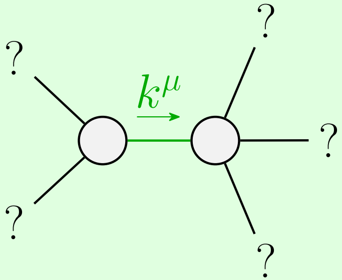
	$h^{\#1}_{0^+}$	$h^{\#2}_{0^+}$
$h^{\#1}_{0^+}\dagger$	αk^2	0
$h^{\#2}_{0^+}\dagger$	0	0

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

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

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

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



Quadratic pole

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

Unitarity conditions

$\alpha<0$

(No massive particles)