Lagrangian density

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

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

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

	$h^{\#1}_{0^+}\dagger$	$h^{\#2}_{0^+}\dagger$
$h^{\#1}_{0^+}$	$4\,\alpha k^2$	$\sqrt{3}\,\alpha k^2$
$h^{\#2}_{0^+}$	$\sqrt{3}\,\alpha k^2$	0

Source constraints

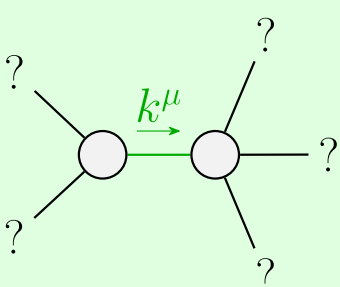
SO(3) irreps	#
$\mathcal{T}^{\#1\,\alpha}_{1^-} == 0$	3
Total #:	3

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

	$h^{\#1}_{2^+}\dagger^{\alpha\beta}$
$h^{\#1}_{2^+\,\alpha\beta}$	αk^2

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

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



Quadratic pole

Pole residue:	$\frac{1}{\alpha} > 0$
Polarisations:	3

Unitarity conditions

$\alpha > 0$

(No massive particles)