

Lagrangian density

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


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Added source term:  $| h^{\alpha\beta} \tau_{\alpha\beta}$

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

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

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

$\tau_{2+}^{\#1} \alpha_\beta$

$\tau_{2+}^{\#1} + \alpha_\beta$	$\frac{1}{\alpha k^2}$
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$h_{2+}^{\#1} + \alpha_\beta$

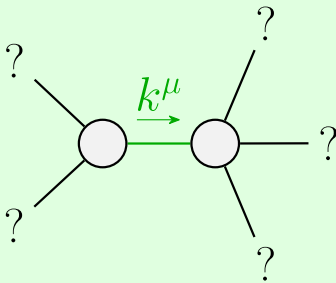
$h_{2+}^{\#1} + \alpha_\beta$	$\alpha k^2$
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$\tau_{1-}^{\#1\alpha}$

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

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

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

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$\alpha > 0$

(No massive particles)