

Lagrangian density

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

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

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

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

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

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

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

$h_{0^+}^{\#2} +$ 

$\sqrt{3} \alpha k^2$	$0$

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

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

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

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

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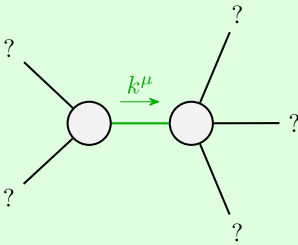
Source constraints	
SO(3) irreps	#
$\mathcal{T}_{1^-}^{\#1} \alpha == 0$	3
Total #:	3

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

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

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

(No massive particles)

Unitarity conditions  
 $\alpha > 0$