PSALTer results panel

$$\mathcal{S} == \int\int\int\int (h^{\alpha\beta}\ \mathcal{T}_{\alpha\beta} + \alpha_{1}\, \partial_{\beta} h^{\chi}{}_{\chi}\, \partial^{\beta} h^{\alpha}{}_{\alpha} + \alpha_{1}\, (-2\, \partial_{\beta} h_{\alpha\chi} + \partial_{\chi} h_{\alpha\beta})\, \partial^{\chi} h^{\alpha\beta}) [t, x, y, z]\, dz\, dy\, dx\, dt$$

Wave operator

	$0^{+}_{.} h^{\perp}$	$0^{+}_{.} h^{\parallel}$	$1^{-}_{.} h^{\perp}{}_{\alpha}$	$2^{+}_{.} h^{\parallel}{}_{\alpha\beta}$
$0^{+}_{.} h^{\perp}\,\dagger$	0	$\sqrt{3}\ \alpha_{1}\, k^{2}$		
$0^{+}_{.} h^{\parallel}\,\dagger$	$\sqrt{3}\ \alpha_{1}\, k^{2}$	$4\, \alpha_{1}\, k^{2}$		
$1^{-}_{.} h^{\perp}\,\dagger^{\alpha}$			0	
$2^{+}_{.} h^{\parallel}\,\dagger^{\alpha\beta}$				$\alpha_{1}\, k^{2}$

Saturated propagator

	$0^{+}_{.} \mathcal{T}^{\perp}$	$0^{+}_{.} \mathcal{T}^{\parallel}$	$1^{-}_{.} \mathcal{T}^{\perp}{}_{\alpha}$	$2^{+}_{.} \mathcal{T}^{\parallel}{}_{\alpha\beta}$
$0^{+}_{.} \mathcal{T}^{\perp}\,\dagger$	$-\frac{4}{3\, \alpha_{1}\, k^{2}}$	$\frac{1}{\sqrt{3}\ \alpha_{1}\, k^{2}}$		
$0^{+}_{.} \mathcal{T}^{\parallel}\,\dagger$	$\frac{1}{\sqrt{3}\ \alpha_{1}\, k^{2}}$	0		
$1^{-}_{.} \mathcal{T}^{\perp}\,\dagger^{\alpha}$			0	
$2^{+}_{.} \mathcal{T}^{\parallel}\,\dagger^{\alpha\beta}$				$\frac{1}{\alpha_{1}\, k^{2}}$

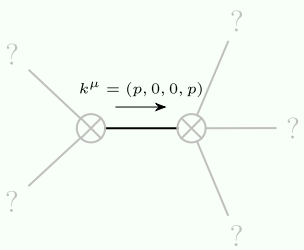
Source constraints

Spin-parity form	Covariant form	Multiplicities
$1^{-}_{.} \mathcal{T}^{\perp}{}^{\alpha} == 0$	$\partial_{\chi}\partial_{\beta}\partial^{\alpha}\mathcal{T}^{\beta\chi} == \partial_{\chi}\partial^{\chi}\partial_{\beta}\mathcal{T}^{\alpha\beta}$	3
Total expected gauge generators:		3

Massive spectrum

(No particles)

Massless spectrum



Massless particle

Pole residue:	$\frac{p^{2}}{\alpha_{1}} > 0$
Polarisations:	3

Unitarity conditions

$\alpha_{1} > 0$