PSALTer results panel

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

Wave operator

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

Saturated propagator

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

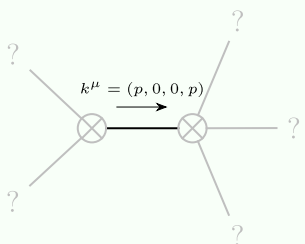
Source constraints

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:	$\frac{p^2}{\underset{1}{\alpha_.}} > 0$
Polarisations:	3

Unitarity conditions

$\underset{1}{\alpha_.} > 0$