

# PSALTer results panel

## Wave operator and propagator

Spin-parity form	Covariant form	Multiplicities
$\#1 \quad \mathcal{J}^\alpha == 0$	$\partial_\beta \mathcal{J}^{\alpha\beta} == 0$	3
Total expected gauge generators: 3		

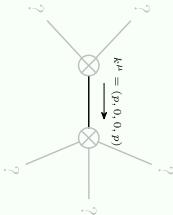
$\#1 \quad \mathcal{J}^\alpha$	$\#1 \quad \mathcal{J}^{\alpha\beta}$	$\#1 \quad \mathcal{B}^\alpha$	$\#1 \quad \mathcal{B}^{\alpha\beta}$
$\#1 \quad \mathcal{J}^\alpha$	$\#1 \quad \mathcal{J}^\alpha$	$\#1 \quad \mathcal{B}^\alpha$	$\#1 \quad \mathcal{B}^\alpha$
$\frac{3}{k^2} \alpha$	0	$\frac{k^2}{3} \alpha$	0
0	0	0	0

$$S = \iiint \left( \mathcal{B}^{\alpha\beta} \mathcal{J}_{\alpha\beta} + \frac{1}{3} \alpha (-2 \partial_\beta \mathcal{B}_{\alpha\chi} + \partial_\chi \mathcal{B}_{\alpha\beta}) \partial^\chi \mathcal{B}^{\alpha\beta} \right) [t, x, y, z] \, d^4x \, .$$

## Massive and massless spectra

Poleresidue:	$\frac{1}{\alpha} > 0$
Polarisations:	1

Massless particle



(No particles)

## Unitarity conditions

