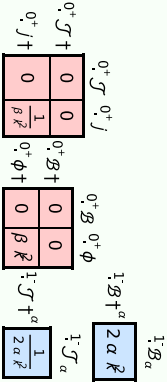


# PSALter results panel

## Wave operator and propagator

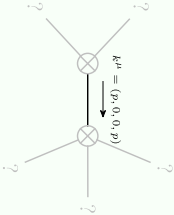
Spin-parity form	Covariant form	Multiplicities
$0^+ \mathcal{J} = 0$	$\partial_\alpha \mathcal{J}^\alpha = 0$	1
Total expected gauge generators: 1		



$$S = \iiint (\phi j + \mathcal{B}^\alpha \mathcal{J}_\alpha + \beta \partial_\alpha \phi \partial^\alpha \phi - 2 \alpha \partial_\alpha \mathcal{B}_\beta \partial^\beta \mathcal{B}^\alpha + 2 \alpha \partial_\beta \mathcal{B}_\alpha \partial^\beta \mathcal{B}^\alpha) [t, x, y, z] dt dx dy dz$$

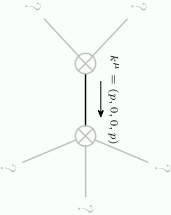
## Massive and massless spectra

(No particles)



Massless particle

Pole residue:  $-\frac{1}{\alpha} > 0$   
Polarisations: 2



Massless particle

Pole residue:  $\frac{1}{\beta} > 0$   
Polarisations: 1

## Unitarity conditions

