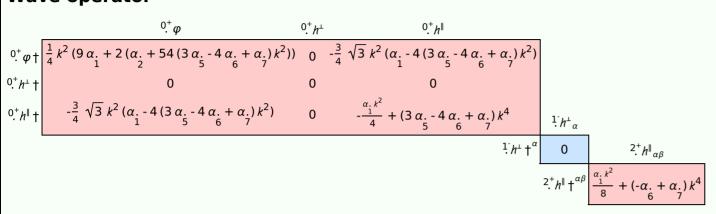
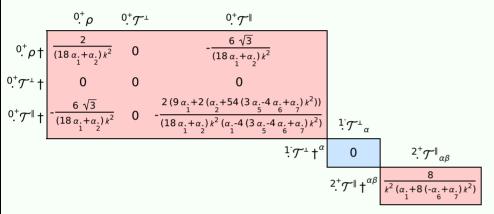
### **PSALTer results panel**

$$S = \iiint (\rho \varphi + h^{\alpha\beta} \mathcal{T}_{\alpha\beta} + \frac{1}{2} \alpha_2 \partial_{\alpha} \varphi \partial^{\alpha} \varphi + \frac{1}{8} \alpha_1 (36 (1 + 2 \varphi) \partial_{\alpha} \partial^{\alpha} \varphi - 12 \partial_{\alpha} h^{\beta}_{\beta} \partial^{\alpha} \varphi + 18 \partial_{\alpha} \varphi \partial^{\alpha} \varphi + 12 \partial^{\alpha} \varphi \partial_{\beta} h^{\beta}_{\alpha} - 4 \partial_{\beta} \partial_{\alpha} h^{\alpha\beta} + 4 \partial_{\beta} \partial^{\beta}_{\beta} h^{\alpha}_{\alpha} - \partial_{\beta} h^{\chi}_{\chi} \partial^{\beta}_{\beta} h^{\alpha}_{\alpha} + 2 \partial^{\beta}_{\beta} h^{\alpha}_{\alpha} \partial_{\chi} h^{\chi}_{\beta} - 2 \partial_{\beta}_{\beta} h^{\alpha}_{\alpha} \partial_{\chi} h^{\alpha\beta}_{\beta}) - \alpha \partial^{\alpha}_{\beta} \partial^{\alpha}_{\alpha} \varphi \partial^{\alpha}_{\beta} \partial^{\alpha}_{\beta} \partial^{\alpha}_{\gamma} \partial^{\alpha}_{\gamma} \partial^{\alpha}_{\beta} \partial^{\alpha}_{\gamma} \partial^{\alpha}_{\gamma} \partial^{\alpha}_{\beta} \partial^{\alpha}_{\gamma} \partial^{\alpha}_$$

# **Wave operator**



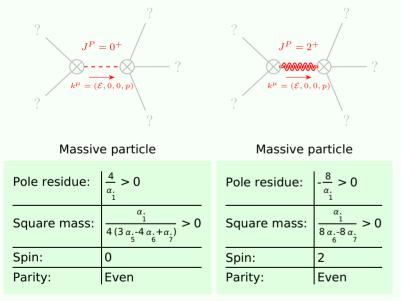
### Saturated propagator



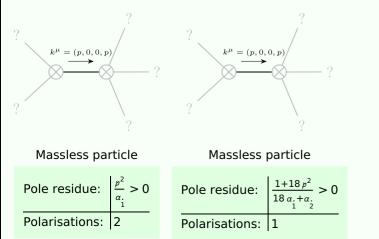
#### **Source constraints**

Spin-parity form	Covariant form	Multiplicities
$0^+\mathcal{T}^\perp == 0$	$\partial_{\beta}\partial_{\alpha}\mathcal{T}^{\alpha\beta} == 0$	1
$\frac{1}{2}\mathcal{T}^{\perp}^{\alpha}=0$	$\partial_{\chi}\partial_{\beta}\partial^{\alpha}\mathcal{T}^{\beta\chi} == \partial_{\chi}\partial^{\chi}\partial_{\beta}\mathcal{T}^{\alpha\beta}$	3
Total expected gauge generators:		4

## **Massive spectrum**



#### Massless spectrum



## **Unitarity conditions**