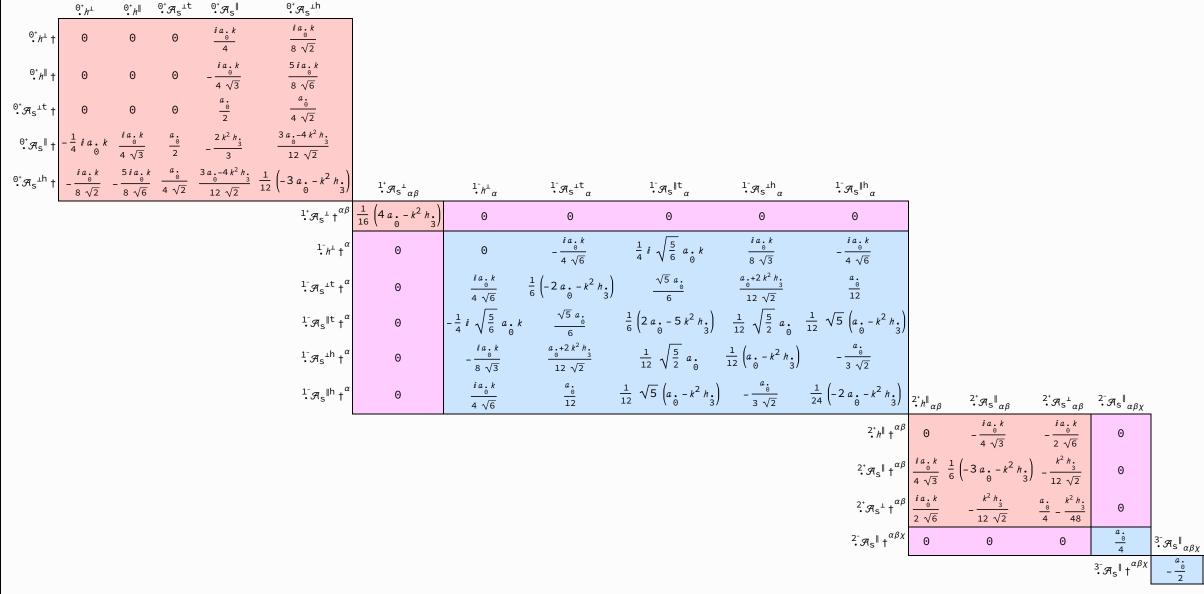
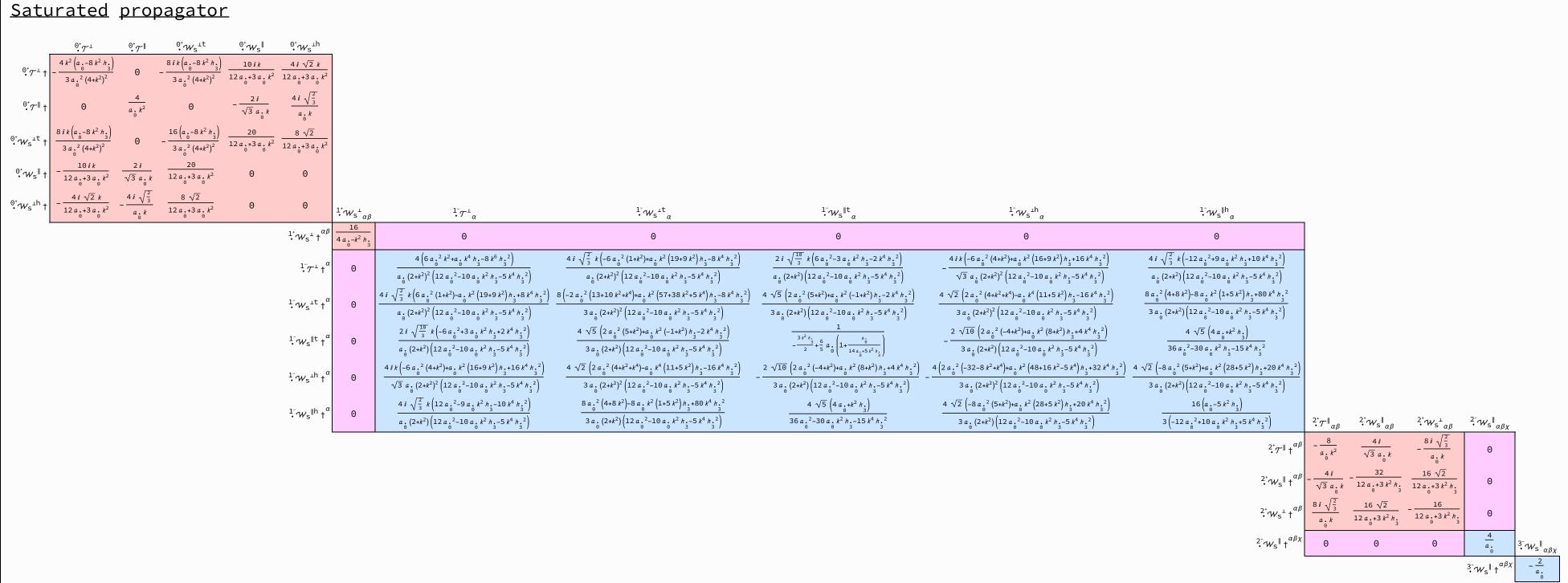
PSALTer results panel $S = \iiint \left(\frac{1}{8} \left(-4 \, a_{\circ} \, \mathcal{A}_{\alpha \chi \beta} \, \mathcal{A}^{\alpha \beta \chi} + 4 \, a_{\circ} \, \mathcal{A}^{\alpha \beta}_{\alpha} \, \mathcal{A}^{\chi}_{\beta \chi} + 8 \, \mathcal{A}^{\alpha \beta \chi} \, w_{\alpha \beta \chi} + 8 \, \mathcal{T}^{\alpha \beta}_{\alpha} \, h_{\alpha \beta} + 4 \, a_{\circ} \, h^{\alpha \beta}_{\alpha} \, \partial_{\beta} \mathcal{A}^{\chi}_{\alpha} - 4 \, a_{\circ} \, h^{\alpha \beta}_{\alpha} \, \partial_{\chi} \mathcal{A}^{\chi}_{\beta} - 2 \, a_{\circ} \, h^{\alpha}_{\alpha}_{\alpha} \, \partial_{\chi} \mathcal{A}^{\beta}_{\beta} + 2 \, h_{\circ} \, \partial_{\chi} \mathcal{A}^{\beta}_{\beta} \, \partial_{\chi} \mathcal{A}^{\alpha \beta}_{\beta} - 2 \, h_{\circ} \, \partial_{\chi} \mathcal{A}^{\beta}_{\beta} \, \partial_{\chi} \mathcal{A}^{\alpha \beta}_{\alpha} - 2 \, h_{\circ}_{\circ} \, \partial_{\chi} \mathcal{A}^{\beta}_{\beta} \, \partial_{\chi} \mathcal{A}^{\alpha \beta}_{\alpha} - 2 \, h_{\circ}_{\circ} \, \partial_{\chi} \mathcal{A}^{\alpha \beta}_{\beta} \, \partial_{\delta} \mathcal{A}^{\alpha \beta}_{\alpha} - 2 \, h_{\circ}_{\circ} \, \partial_{\alpha} \mathcal{A}^{\alpha \beta \chi}_{\beta} \, \partial_{\delta} \mathcal{A}^{\alpha \beta}_{\beta} - 4 \, h_{\circ}_{\circ} \, \partial_{\chi} \mathcal{A}^{\alpha \beta}_{\beta} \, \partial_{\lambda} \mathcal{A}^{\alpha \beta}_{\alpha} - 2 \, h_{\circ}_{\circ} \, \partial_{\lambda} \mathcal{A}^{\alpha \beta}_{\alpha} \, \partial_{\delta} \mathcal{A}^{\beta}_{\beta} \, \partial_{\lambda} \mathcal{A}^{\beta}_{\beta} \, \partial_{\lambda} \mathcal{A}^{\alpha \beta}_{\alpha} \, \partial_{\delta} \mathcal{A}^{\beta}_{\beta} \, \partial_{\lambda} \mathcal{A}^{\alpha \beta}_{\alpha} \, \partial_{\lambda} \mathcal{A}^{\beta}_{\beta} \, \partial_{\lambda} \mathcal{A}^{\beta$

Wave operator



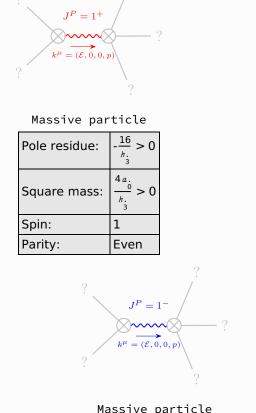
Caturated propagator



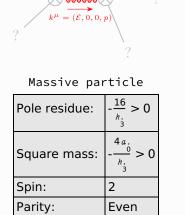
Source constraints

Spin-parity form	Covariant form	Multiplicities
$k \cdot \mathcal{W}_{S}^{\perp t} + 2 i \cdot \mathcal{T}^{\perp} = 0$	$2 \partial_{\beta} \partial_{\alpha} \mathcal{T}^{\alpha\beta} = \partial_{\chi} \partial_{\beta} \partial_{\alpha} w^{\alpha\beta\chi}$	1
$2 k i W_S^{\perp h^{\alpha}} + k i W_S^{\perp t^{\alpha}} + 6 i i T^{\perp \alpha} = 0$	$2 \partial_{\chi} \partial_{\beta} \partial^{\alpha} \mathcal{T}^{\beta \chi} + \partial_{\delta} \partial^{\delta} \partial_{\chi} \partial_{\beta} w^{\beta \alpha \chi} = 2 \partial_{\chi} \partial^{\chi} \partial_{\beta} \mathcal{T}^{\alpha \beta} + \partial_{\delta} \partial_{\chi} \partial_{\beta} \partial^{\alpha} w^{\beta \chi \delta}$	3
Total expected gauge generators:		4

Massive spectrum

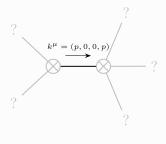


Massive particle		
Pole residue:	$\frac{\frac{560 a52 \sqrt{85} a572 h.+84 \sqrt{85} h.}{0 3} > 0}{\frac{85 a. h5 \sqrt{85} a. h.+10 \sqrt{85} h.}{0 3}} > 0$	
Square mass:	$\frac{(-5+\sqrt{85})a}{5h} > 0$	
Spin:	1	
Parity:	Odd	
?	?	



 $J^P=2^+$

Massless spectrum



Massless particle

Pole residue: $-\frac{p^2}{\frac{a}{0}} > 0$ Polarisations: 2

<u>Gauge symmetries</u>

(Not yet implemented in PSALTer)

<u>Unitarity</u> conditions

(Unitarity is demonstrably impossible)

Validity assumptions

(Not yet implemented in PSALTer)