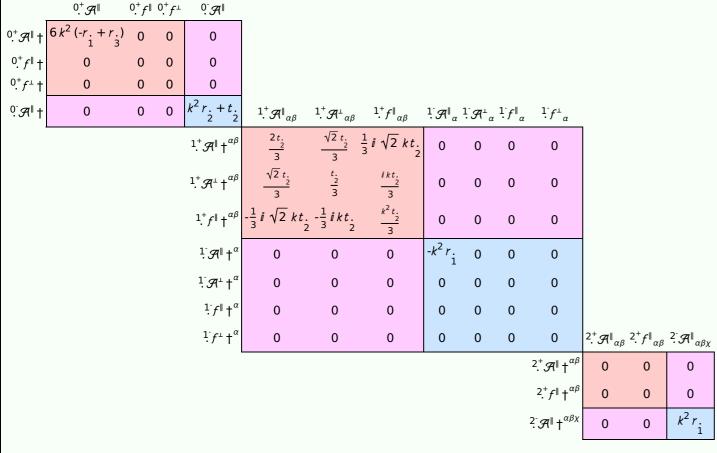
PSALTer results panel

 $\mathcal{S} = \\ \iiint \left(\frac{1}{6} \left(6 \,\,\mathcal{A}^{\alpha\beta\chi} \,\,\sigma_{\alpha\beta\chi} + 6 \,\,f^{\alpha\beta} \,\,\tau \left(\Delta + \mathcal{K}\right)_{\alpha\beta} + 12 \,r_{1} \,\partial_{\beta}\mathcal{A}_{i \,\,\theta}^{\,\,\theta} \,\partial^{i}\mathcal{A}_{\alpha}^{\,\,\alpha\beta} - 24 \,r_{3} \,\partial_{\beta}\mathcal{A}_{i \,\,\theta}^{\,\,\theta} \,\partial^{i}\mathcal{A}_{\alpha}^{\,\,\alpha\beta} + 12 \,r_{1} \,\partial_{\alpha}\mathcal{A}_{\beta}^{\,\,\alpha\beta} \,\partial^{i}\mathcal{A}_{\beta}^{\,\,\alpha\beta} + 12 \,r_{1} \,\partial_{\alpha}\mathcal{A}_{\beta}^{\,\,\alpha\beta} \,\partial^{i}\mathcal{A}_{\beta}^{\,$

Wave operator



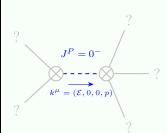
Saturated propagator

	$^{0\overset{+}{.}}\sigma^{\parallel}$	$0.^{+}\tau^{\parallel}$	$0.^+\tau^{\perp}$	$0.\sigma^{\parallel}$										
	$\frac{1}{6 k^2 (-r_1 + r_1)}$	0	0	0										
0. ⁺ τ †			0	0										
^{0,+} τ [⊥] †	0	0	0	0										
⁰ σ †	0	0	0	$\frac{1}{k^2 r. + t.}$	$1^+ \sigma^{\parallel}_{\alpha\beta}$	$1.^+\sigma^{\perp}_{\alpha\beta}$	$1.^{+}\tau^{\parallel}_{\alpha\beta}$	$\frac{1}{\alpha} \sigma^{\parallel}_{\alpha}$	$1^{-}\sigma^{\perp}_{\alpha}$	$1^{-}\tau^{\parallel}_{\alpha}$	1 ⁻ τ ⁺ α			
				$\dot{\Gamma}^+ \sigma^{\parallel} \uparrow^{\alpha\beta}$	$\frac{6}{(3+k^2)^2t}$	$\frac{3\sqrt{2}}{(3+k^2)^2t.}$	$\frac{3i \sqrt{2} k}{(3+k^2)^2 t}$	0	0	0	0			
				$1.^+\sigma^{\perp}$ † $^{\alpha\beta}$	$\frac{3\sqrt{2}}{(3+k^2)^2t.}$	$\frac{3}{(3+k^2)^2t}$	$\frac{3ik}{(3+k^2)^2t_{.2}}$	0	0	0	0			
				$1.^+ \tau^{\parallel} \uparrow^{\alpha\beta}$	$-\frac{3i\sqrt{2}k}{(3+k^2)^2t}$	$-\frac{3ik}{(3+k^2)^2t.}$	$\frac{3k^2}{(3+k^2)^2t.}_{2}$	0	0	0	0			
					0		0	1		0	0			
				$\frac{1}{2}\sigma^{\perp} + \alpha$	0	0	0	0	0	0	0			
				$1^{-}\tau^{\parallel} + \alpha$	0	0	0	0	0	0	0			
				$1^{-}\tau^{\perp}\uparrow^{\alpha}$	0	0	0	0	0	0	0	$2^+ \sigma^{\parallel}_{\alpha\beta}$	2. ⁺ τ αβ	$^{2}\sigma^{\parallel}_{\alpha\beta\chi}$
											$^{2^{+}}\sigma^{\parallel}\dagger^{\alpha\beta}$	0	0	0
											$2.^{+}\tau^{\parallel}$ †	0	0	0
											$2^{-}\sigma^{\parallel} + \alpha^{\alpha\beta\chi}$	0	0	$\frac{1}{k^2 r_1}$

Source constraints

Spin-parity form	Covariant form	Multiplicities			
$0^+_{\cdot} \tau^{\perp} == 0$	$\partial_{\beta}\partial_{\alpha}\tau \left(\Delta + \mathcal{K}\right)^{\alpha\beta} == 0$	1			
$0^+_{\cdot}\tau^{\parallel}==0$	$\partial_{\beta}\partial_{\alpha}\tau \left(\Delta + \mathcal{K}\right)^{\alpha\beta} == \partial_{\beta}\partial^{\beta}\tau \left(\Delta + \mathcal{K}\right)^{\alpha}_{\ \alpha}$	1			
$1 r^{\perp \alpha} == 0$	$\partial_{\chi}\partial_{\beta}\partial^{\alpha}\tau \left(\Delta + \mathcal{K}\right)^{\beta\chi} == \partial_{\chi}\partial^{\chi}\partial_{\beta}\tau \left(\Delta + \mathcal{K}\right)^{\alpha\beta}$	3			
$1 \cdot \tau^{\parallel \alpha} == 0$	$\partial_{\chi}\partial_{\beta}\partial^{\alpha}\tau\left(\Delta+\mathcal{K}\right)^{\beta\chi}==\partial_{\chi}\partial^{\chi}\partial_{\beta}\tau\left(\Delta+\mathcal{K}\right)^{\beta\alpha}$	3			
1. σ ¹ == 0	$\partial_{\chi}\partial_{\beta}\sigma^{\beta\alpha\chi}==0$	3			
$\overline{i k 1^+_{\cdot} \sigma^{\parallel}^{\alpha \beta} + 1^+_{\cdot} \tau^{\parallel}^{\alpha \beta}} = 0$	$\partial_{\chi}\partial^{\alpha}\tau\left(\Delta+\mathcal{K}\right)^{\beta\chi} + \partial_{\chi}\partial^{\beta}\tau\left(\Delta+\mathcal{K}\right)^{\chi\alpha} + \partial_{\chi}\partial^{\chi}\tau\left(\Delta+\mathcal{K}\right)^{\alpha\beta} + \partial_{\delta}\partial_{\chi}\partial^{\beta}\sigma^{\chi\alpha\delta} + \partial_{\delta}\partial^{\delta}\partial_{\chi}\sigma^{\alpha\beta\chi} = \partial_{\chi}\partial^{\alpha}\tau\left(\Delta+\mathcal{K}\right)^{\chi\beta} + \partial_{\chi}\partial^{\beta}\tau\left(\Delta+\mathcal{K}\right)^{\alpha\chi} + \partial_{\chi}\partial^{\chi}\tau\left(\Delta+\mathcal{K}\right)^{\beta\alpha} + \partial_{\delta}\partial_{\chi}\partial^{\alpha}\sigma^{\chi\beta\delta} + \partial_{\delta}\partial^{\delta}\partial_{\chi}\sigma^{\beta\alpha\chi} = \partial_{\chi}\partial^{\alpha}\tau\left(\Delta+\mathcal{K}\right)^{\chi\beta} + \partial_{\chi}\partial^{\beta}\tau\left(\Delta+\mathcal{K}\right)^{\alpha\chi} + \partial_{\chi}\partial^{\chi}\tau\left(\Delta+\mathcal{K}\right)^{\alpha\chi} + \partial_{\chi}\partial^{\chi}\tau\left(\Delta+\mathcal{K}\right)^{\chi} + \partial_{\chi}\partial^{\chi}\tau\left(\Delta$	3			
$1^+_{\alpha\beta} = 1^+_{\alpha\beta} = 1^+_{\alpha\beta}$	$3\partial_{\delta}\partial_{\chi}\partial^{\alpha}\sigma^{\chi\beta\delta} + \partial_{\delta}\partial^{\delta}\partial_{\chi}\sigma^{\beta\alpha\chi} + 2\partial_{\delta}\partial^{\delta}\partial_{\chi}\sigma^{\chi\alpha\beta} = 3\partial_{\delta}\partial_{\chi}\partial^{\beta}\sigma^{\chi\alpha\delta} + \partial_{\delta}\partial^{\delta}\partial_{\chi}\sigma^{\alpha\beta\chi}$	3			
$2^+_{1} \eta^{\alpha\beta} == 0$	$4\partial_{\sigma}\partial_{\chi}\partial^{\beta}\partial^{\alpha}\tau(\Delta+\mathcal{K})^{\chi\delta} + 2\partial_{\sigma}\partial^{\delta}\partial^{\beta}\partial^{\alpha}\tau(\Delta+\mathcal{K})^{\chi}_{\ \chi} + 3\partial_{\sigma}\partial^{\delta}\partial_{\chi}\partial^{\chi}\tau(\Delta+\mathcal{K})^{\alpha\beta} + 3\partial_{\sigma}\partial^{\delta}\partial_{\chi}\partial^{\chi}\tau(\Delta+\mathcal{K})^{\beta\alpha} + 2\eta^{\alpha\beta}\partial_{\epsilon}\partial^{\epsilon}\partial_{\sigma}\partial_{\chi}\tau(\Delta+\mathcal{K})^{\chi\delta} = 0$	5			
	$3\partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\alpha}\tau(\Delta+\mathcal{K})^{\beta\chi} + 3\partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\alpha}\tau(\Delta+\mathcal{K})^{\chi\beta} + 3\partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\beta}\tau(\Delta+\mathcal{K})^{\alpha\chi} + 3\partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\beta}\tau(\Delta+\mathcal{K})^{\chi\alpha} + 2\eta^{\alpha\beta}\partial_{\epsilon}\partial^{\epsilon}\partial_{\delta}\partial^{\delta}\tau(\Delta+\mathcal{K})^{\chi}_{\chi}$				
$2^+_{\cdot}\sigma^{\parallel^{\alpha\beta}}=0$	$3\partial_{\delta}\partial_{\chi}\partial^{\alpha}\sigma^{\chi\beta\delta} + 3\partial_{\delta}\partial_{\chi}\partial^{\beta}\sigma^{\chi\alpha\delta} + 2\eta^{\alpha\beta}\partial_{\epsilon}\partial^{\epsilon}\partial_{\delta}\sigma^{\chi}_{\chi}^{\delta} = 2\partial_{\delta}\partial^{\beta}\partial^{\alpha}\sigma^{\chi}_{\chi}^{\delta} + 3(\partial_{\delta}\partial^{\delta}\partial_{\chi}\sigma^{\alpha\beta\chi} + \partial_{\delta}\partial^{\delta}\partial_{\chi}\sigma^{\beta\alpha\chi})$	5			
Total expected gauge generators:					

Massive spectrum



Massive particle

Pole residue:	$-\frac{1}{r_{\dot{2}}} > 0$
Square mass:	$\frac{\frac{t}{2}}{\frac{r}{2}} > 0$
Spin:	0
Parity:	Odd

Massless spectrum

(No particles)

Unitarity conditions

r. < 0 && t. > 0