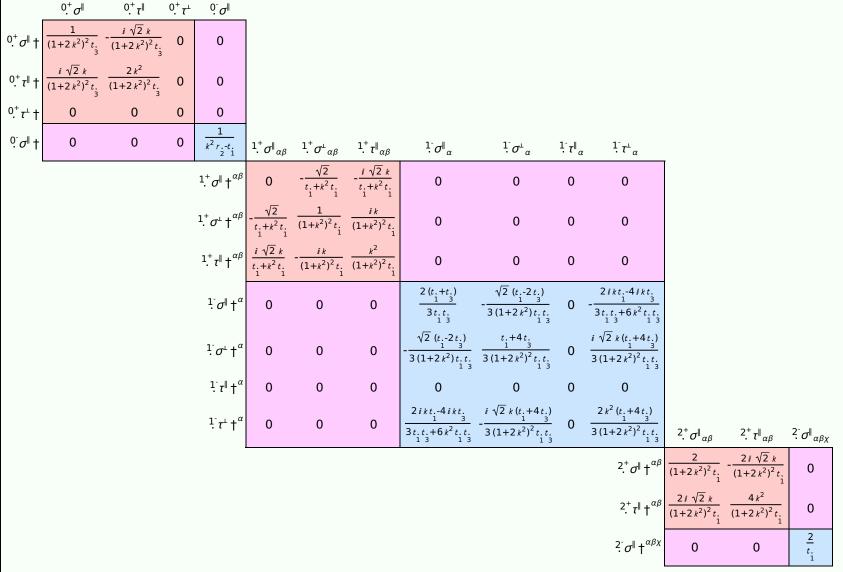
PSALTer results panel

$$S = \iiint (\frac{1}{6} \left(2 \left(t_{1} - 2t_{3}\right) \mathcal{R}^{\alpha_{i}}_{\phantom{\alpha_{i}}} \mathcal{R}^{\theta}_{\phantom{\beta_{i}}} + 6 \mathcal{R}^{\alpha\beta\chi}_{\phantom{\alpha_{i}}} \sigma_{\alpha\beta\chi} + 6 f^{\alpha\beta}_{\phantom{\alpha_{i}}} \tau \left(\Delta + \mathcal{K}\right)_{\alpha\beta} - 4t_{1} \mathcal{R}^{\theta}_{\phantom{\alpha_{i}}} \partial_{i} f^{\alpha_{i}}_{\phantom{\alpha_{i}}} + 8t_{3} \mathcal{R}^{\theta}_{\phantom{\alpha_{i}}} \partial_{i} f^{\alpha_{i}}_{\phantom{\alpha_{i}}} + 4t_{1} \mathcal{R}^{\theta}_{\phantom{\beta_{i}}} \partial_{i} f^{\alpha}_{\phantom{\alpha_{i}}} - 8t_{3} \mathcal{R}^{\theta}_{\phantom{\beta_{i}}} \partial_{i} f^{\alpha}_{\phantom{\alpha_{i}}} \partial_{i} f^{\alpha}$$

Wave operator

_	°. <i>9</i> 4"		⁰ . f [±]	⁰ . <i>3</i> 4"										
${}^{0^+}\mathcal{F}^{\parallel}$ †	<i>t</i> . 3	$-i\sqrt{2} kt$.	0	0										
^{0,+} <i>f</i> [∥] †	$i\sqrt{2} kt$	$2 k^{2} t$.	0	0										
0.+ f +	0	0	0	0										
^{0.} ' <i>Я</i> "†	0	0	0	$k^2 rt.$	$^{1.}^{+}\mathcal{A}^{\parallel}{}_{lphaeta}$	$^{1^{+}}\mathcal{F}^{\perp}_{lphaeta}$	$1.^+f^{\parallel}_{\alpha\beta}$	$^{1}\mathcal{A}^{\parallel}{}_{lpha}$	$^{1}\mathcal{H}_{\ lpha}^{\perp}$	$\frac{1}{2}f^{\parallel}_{\alpha}$	$\frac{1}{f}f_{\alpha}$			
				$^{1.^{+}}\mathcal{A}^{\parallel}\dagger^{lphaeta}$		$-\frac{t}{\sqrt{2}}$	$-\frac{i k t}{\sqrt{2}}$	0	0	0	0			
				$\overset{1^+}{\cdot}\mathcal{H}^{\scriptscriptstyle\perp}\dagger^{\alpha\beta}$	$-\frac{t_1}{\sqrt{2}}$	0	0	0	0	0	0			
				$1.^+f^{\parallel}$ † $^{\alpha\beta}$	$\frac{i k t}{\sqrt{2}}$	0	0	0	0	0	0			
				$^{1}\mathcal{A}^{\parallel}$ † $^{\alpha}$	0	0	0	$\frac{1}{6}(t_1+4t_1)$	$\frac{t2t.}{\frac{1}{3}\sqrt{2}}$	0	$\frac{1}{3}$ i k (t 2t.)			
				$^{1}\mathcal{H}^{\scriptscriptstyle{\perp}}\dagger^{\scriptscriptstyle{lpha}}$	0	0	0	$\frac{t2t.}{\frac{1}{3}}$	$\frac{t.+t.}{\frac{1}{3}}$	0	$\frac{1}{3}i\sqrt{2}k(t_1+t_2)$			
				$f^{\parallel} \uparrow^{\alpha}$	0	0	0	0	0	0	0			
				$\frac{1}{2}f^{\perp}\uparrow^{\alpha}$	0	0	0	$-\frac{1}{3}ik(t_1-2t_3)$	$\frac{1}{3}i\sqrt{2}k(t_1+t_3)$	0	$\frac{2}{3}k^2(t_1+t_2)$	$^{2^{+}}\mathcal{A}^{\parallel}{}_{\alpha\beta}$	$2^+ f^{\parallel}_{\alpha\beta}$	$2^{-}\mathcal{A}^{\parallel}{}_{\alpha\beta\chi}$
											$^{2^{+}}\mathcal{A}^{\parallel}$ † lphaeta	t. 1/2	$-\frac{i kt}{\sqrt{2}}$	0
											$\overset{2^+}{\cdot}f^{\parallel}\uparrow^{\alpha\beta}$	$\frac{i kt}{\sqrt{2}}$	$k^2 t$.	0
											$2^{-}\mathcal{A}^{\parallel} + ^{\alpha\beta\chi}$	0	0	$\frac{t}{\frac{1}{2}}$

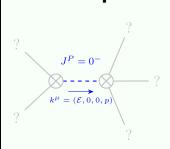
Saturated propagator



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
$-2 i k^{0,+} \sigma^{\parallel} + {}^{0,+} \tau^{\parallel} == 0$	$\partial_{\beta}\partial_{\alpha}\tau \left(\Delta + \mathcal{K}\right)^{\alpha\beta} == \partial_{\beta}\partial^{\beta}\tau \left(\Delta + \mathcal{K}\right)^{\alpha}_{\alpha} + 2\partial_{\chi}\partial^{\chi}\partial_{\beta}\sigma^{\alpha}_{\alpha}^{\beta}$	1
$2ik \cdot 1 \sigma^{\perp \alpha} + 1 \tau^{\perp \alpha} == 0$	$\partial_{\chi}\partial_{\beta}\partial^{\alpha}\tau\left(\Delta+\mathcal{K}\right)^{\beta\chi}==\partial_{\chi}\partial^{\chi}\partial_{\beta}\tau\left(\Delta+\mathcal{K}\right)^{\alpha\beta}+2\partial_{\delta}\partial^{\delta}\partial_{\chi}\partial_{\beta}\sigma^{\beta\alpha\chi}$	3
1- _τ α == 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
$i k 1^+_{\cdot} \sigma^{\perp}^{\alpha\beta} + 1^+_{\cdot} \tau^{\parallel}^{\alpha\beta} == 0$	$\partial_{\chi}\partial^{\alpha}\tau\left(\Delta+\mathcal{K}\right)^{\beta\chi}+\partial_{\chi}\partial^{\beta}\tau\left(\Delta+\mathcal{K}\right)^{\chi\alpha}+\partial_{\chi}\partial^{\chi}\tau\left(\Delta+\mathcal{K}\right)^{\alpha\beta}+2\partial_{\delta}\partial_{\chi}\partial^{\alpha}\sigma^{\chi\beta\delta}+2\partial_{\delta}\partial^{\delta}\partial_{\chi}\sigma^{\chi\alpha\beta}==$	3
	$\partial_{\chi}\partial^{\alpha}\tau \left(\Delta + \mathcal{K}\right)^{\chi\beta} + \partial_{\chi}\partial^{\beta}\tau \left(\Delta + \mathcal{K}\right)^{\alpha\chi} + \partial_{\chi}\partial^{\chi}\tau \left(\Delta + \mathcal{K}\right)^{\beta\alpha} + 2\partial_{\delta}\partial_{\chi}\partial^{\beta}\sigma^{\chi\alpha\delta}$	
$-2 i k 2^{+}_{.} \sigma^{\parallel^{\alpha\beta}} + 2^{+}_{.} \tau^{\parallel^{\alpha\beta}} = 0$	$-i\left(4\partial_{\sigma}\partial_{\chi}\partial^{\beta}\partial^{\alpha}\tau\left(\Delta+\mathcal{K}\right)^{\chi\delta}+2\partial_{\sigma}\partial^{\delta}\partial^{\beta}\partial^{\alpha}\tau\left(\Delta+\mathcal{K}\right)^{\chi}_{\ \chi}-3\partial_{\sigma}\partial^{\delta}\partial_{\chi}\partial^{\alpha}\tau\left(\Delta+\mathcal{K}\right)^{\beta\chi}-\right.$	5
	$3\partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\alpha}\tau(\Delta+\mathcal{K})^{\chi\beta} - 3\partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\beta}\tau(\Delta+\mathcal{K})^{\alpha\chi} - 3\partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\beta}\tau(\Delta+\mathcal{K})^{\chi\alpha} + 3\partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\chi}\tau(\Delta+\mathcal{K})^{\alpha\beta} +$	
	$3\partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\chi}\tau\left(\Delta+\mathcal{K}\right)^{\beta\alpha}+4ik^{\chi}\partial_{\epsilon}\partial_{\chi}\partial^{\beta}\partial^{\alpha}\sigma^{\delta}_{\delta}{}^{\epsilon}-6ik^{\chi}\partial_{\epsilon}\partial_{\delta}\partial_{\chi}\partial^{\alpha}\sigma^{\delta\beta\epsilon}-6ik^{\chi}\partial_{\epsilon}\partial_{\delta}\partial_{\chi}\partial^{\beta}\sigma^{\delta\alpha\epsilon}+6ik^{\chi}\partial_{\epsilon}\partial^{\epsilon}\partial_{\delta}\partial_{\chi}\sigma^{\alpha\beta\delta}+$	
	$6 i k^{\chi} \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial_{\chi} \sigma^{\beta \alpha \delta} + 2 \eta^{\alpha \beta} \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial_{\chi} \tau (\Delta + \mathcal{K})^{\chi \delta} - 2 \eta^{\alpha \beta} \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\delta} \tau (\Delta + \mathcal{K})^{\chi} - 4 i \eta^{\alpha \beta} k^{\chi} \partial_{\phi} \partial^{\phi} \partial_{\epsilon} \partial_{\chi} \sigma^{\delta}_{\delta} = 0$	
Total expected gauge of	generators:	16

Massive spectrum



Massive particle

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

Massless spectrum

(No particles)

Unitarity conditions

r. < 0 && t. < 0