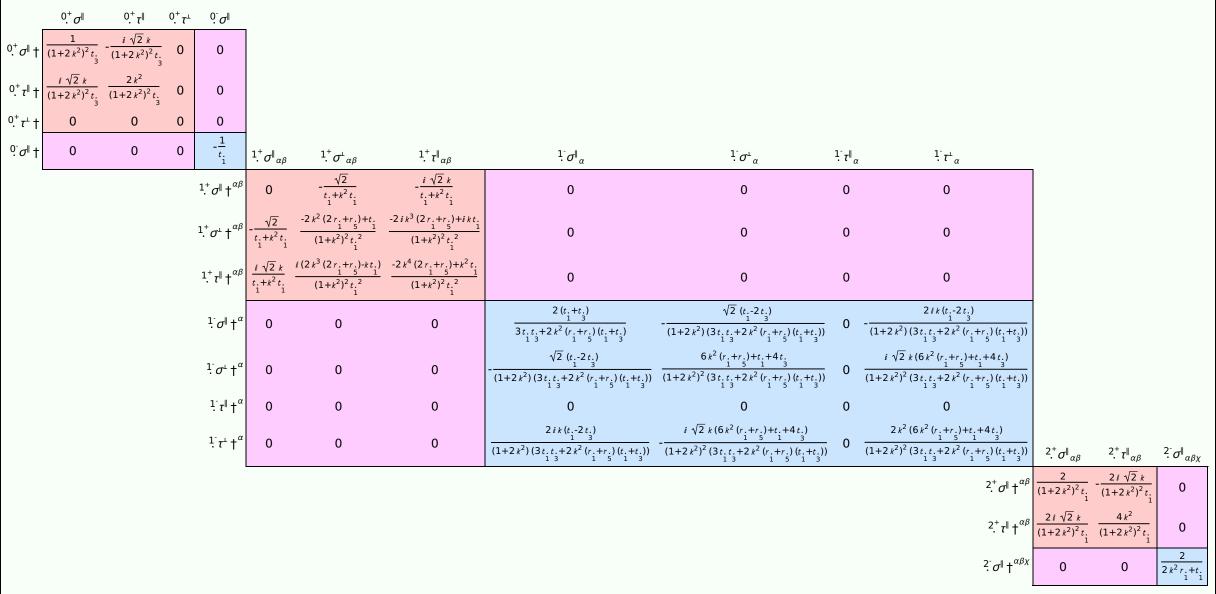
PSALTer results panel

 $S = \iiint (\frac{1}{6} \left(2 \left(t_{1} - 2 t_{.}\right) \mathcal{R}^{\alpha_{i}}_{\alpha} \mathcal{R}^{\theta}_{,\theta} + 6 \mathcal{R}^{\alpha \beta \chi} \mathcal{R}^{\alpha}_{\alpha \beta \chi} + 6 f^{\alpha \beta} \mathcal{R}^{\alpha}_{\alpha \beta \chi} + 6 f^{\alpha \beta} \mathcal{R}^{\alpha}_{\alpha \theta} \partial_{i} f^{\alpha i} + 8 t_{.} \mathcal{R}^{\theta}_{\alpha \theta} \partial_{i} f^{\alpha i} + 4 t_{.} \mathcal{R}^{\theta}_{,\theta} \partial_{i} f^{\alpha i}_{\alpha} - 8 t_{.} \mathcal{R}^{\theta}_{,\theta} \partial_{i} f^{\alpha}_{\alpha} - 2 t_{.} \partial_{i} f^{\theta}_{\theta} \partial_{i} f^{\alpha}_{\alpha} + 4 t_{.} \partial_{i} f^{\theta}_{\theta} \partial_{i} f^{\alpha}_{\alpha} - 4 t_{.} \partial_{i} f^{\alpha}_{\alpha} \partial_{\theta} f^{\theta}_{,\theta} - 8 t_{.} \partial_{i} f^{\alpha i}_{\alpha} \partial_{\theta} f^{\alpha i}_{,\theta} - 8 t_{.} \partial_{i} f^{\alpha i}_{\alpha} \partial_{\theta} f^{\alpha i}_{,\theta} - 8 t_{.} \partial_{i} f^{\alpha i}_{\alpha} \partial_{\theta} f^{\alpha i}_{,\theta} - 8 t_{.} \partial_{i} f^{\alpha i}_{\alpha} \partial_{\theta} f^{\alpha i}_{,\theta} - 8 t_{.} \partial_{i} f^{\alpha i}_{\alpha} \partial_{\theta} f^{\alpha i}_{,\theta} - 8 t_{.} \partial_{i} f^{\alpha i}_{\alpha} \partial_{\theta} f^{\alpha i}_{,\theta} - 4 t_{.} \partial_{i} f^{\alpha i}_{\alpha} \partial_{\theta} f^{\alpha i}_{,\theta} - 8 t_{.} \partial_{i} f^{\alpha i}_{\alpha} \partial_{\theta} f^{\alpha i}_{,\theta} - 4 t_{.} \partial_{i} f^{\alpha i}_{\alpha} \partial_{\theta} f^{\alpha i}_{,\theta} - 8 t_{.} \partial_{i} f^{\alpha i}_{\alpha} \partial_{\theta} f^{\alpha i}_{,\theta} - 4 t_{.} \partial_{i} f^{\alpha i}_{\alpha} \partial_{\theta} f^{\alpha i}_{,\theta} - 4 t_{.} \partial_{i} f^{\alpha i}_{\alpha} \partial_{\theta} f^{\alpha i}_{,\theta} - 8 t_{.} \partial_{i} f^{\alpha i}_{\alpha} \partial_{\theta} f^{\alpha i}_{,\theta} - 8 t_{.} \partial_{i} f^{\alpha i}_{\alpha} \partial_{\theta} f^{\alpha i}_{,\theta} - 4 t_{.} \partial_{i} f^{\alpha i}_{\alpha} \partial_{\theta} f^{\alpha i}_{,\theta} - 4 t_{.} \partial_{i} f^{\alpha i}_{\alpha} \partial_{\theta} f^{\alpha i}_{,\theta} - 4 t_{.} \partial_{i} f^{\alpha i}_{\alpha} \partial_{\theta} f^{\alpha i}_{,\theta} - 4 t_{.} \partial_{i} f^{\alpha i}_{\alpha} \partial_{\theta} f^{\alpha i}_{,\theta} - 4 t_{.} \partial_{i} f^{\alpha i}_{\alpha} \partial_{\theta} f^{\alpha i}_{,\theta} - 4 t_{.} \partial_{i} f^{\alpha i}_{\alpha} \partial_{\theta} f^{\alpha i}_{,\theta} - 4 t_{.} \partial_{i} f^{\alpha i}_{\alpha} \partial_{\theta} f^{\alpha i}_{,\theta} - 4 t_{.} \partial_{i} f^{\alpha i}_{\alpha} \partial_{\theta} f^{\alpha i}_{,\theta} - 4 t_{.} \partial_{i} f^{\alpha i}_{\alpha} \partial_{\theta} f^{\alpha i}_{,\theta} - 4 t_{.} \partial_{i} f^{\alpha i}_{\alpha} \partial_{\theta} f^{\alpha i}_{,\theta} - 4 t_{.} \partial_{i} f^{\alpha i}_{\alpha} \partial_{\theta} f^{\alpha i}_{,\theta} - 4 t_{.} \partial_{i} f^{\alpha i}_{\alpha} \partial_{\theta} f^{\alpha i}_{,\theta} - 4 t_{.} \partial_{i} f^{\alpha i}_{\alpha} \partial_{\theta} f^{\alpha i}_{,\theta} - 4 t_{.} \partial_{i} f^{\alpha i}_{\alpha} \partial_{\theta} f^{\alpha i}_{,\theta} - 4 t_{.} \partial_{i} f^{\alpha i}_{\alpha} \partial_{\theta} f^{\alpha i}_{,\theta} - 4 t_{.} \partial_{i} f^{\alpha i}_{\alpha} \partial_{\theta} f^{\alpha i}_{,\theta} - 4 t_{.} \partial_{i} f^{\alpha i}_{\alpha} \partial_{\theta} f^{\alpha i}_{,\theta} - 4 t_{.} \partial_{i} f^{\alpha i}_{\alpha} \partial_$

Wave operator

	0 \mathcal{F}	$0.7f^{\parallel}$	0^+f^\perp	${}^{0}\mathcal{A}^{\parallel}$										
${}^{0,^{+}}\mathcal{R}^{\parallel}$ †	<i>t</i> .	$-i \sqrt{2} kt$.	0	0										
^{0,+} <i>f</i> [∥] †	$i\sqrt{2} kt$.	$2 k^{2} t$.	0	0										
0.+f ¹ †	0	0	0	0										
⁰⁻ Æ [∥] †	0	0	0	-t. 1	${}^{1^+}_{\cdot}\mathcal{A}^{\parallel}{}_{\alpha\beta}$	$^{1.}\mathcal{H}^{\perp}_{\alpha \mu}$	$1^+f^{\parallel}_{\alpha\beta}$	$^{1}\mathcal{A}^{\parallel}{}_{lpha}$	$^{1}\mathcal{H}_{\ lpha}^{\perp}$	$\frac{1}{2}f^{\parallel}_{\alpha}$	$\frac{1}{2}f_{\alpha}^{\perp}$			
				$^{1\overset{+}{.}}\mathcal{A}^{\parallel}\dagger^{^{lphaeta}}$	$k^2 (2r_1 + r_1) - \frac{t_1}{2}$	$-\frac{t_1}{\sqrt{2}}$	$-\frac{i k t}{\sqrt{2}}$	0	0	0	0			
				$^{1.}\mathcal{H}^{\scriptscriptstyle\perp}\dagger^{^{lphaeta}}$	$-\frac{t_1}{\sqrt{2}}$	0	0	0	0	0	0			
				$1.^+f^{\parallel}$ † $^{\alpha\beta}$	$\frac{i k t}{\sqrt{2}}$	0	0	0	0	0	0			
				$\frac{1}{2}\mathcal{A}^{\parallel}\dagger^{\alpha}$	0	0	0	$\frac{1}{6} \left(6 k^2 \left(r_1 + r_5 \right) + t_1 + 4 t_1 \right)$	$\frac{t2t.}{\frac{1}{3}\sqrt{2}}$	0	$\frac{1}{3}$ i k (t 2t.)			
				$\frac{1}{2}\mathcal{H}^{\perp} \uparrow^{\alpha}$	0	0	0	$\frac{t2t.}{3}\frac{1}{3}\sqrt{2}$	$\frac{t.+t.}{\frac{1}{3}}$	0	$\frac{1}{3}i\sqrt{2}k(t_1+t_2)$			
				$^{1}f^{\parallel}\dagger^{\alpha}$	0	0	0	0	0	0	0			
				$\frac{1}{2}f^{\perp}\uparrow^{\alpha}$	0	0	0	$-\frac{1}{3} i k (t_1 - 2t_1)$	$-\frac{1}{3}i\sqrt{2}k(t_1+t_2)$	0	$\frac{2}{3}k^2(t_1+t_2)$	$^{2\overset{+}{.}}\mathcal{A}^{\parallel}{}_{lphaeta}$	$2^+f^{\parallel}_{\alpha\beta}$	$^{2}\mathcal{H}^{\parallel}_{\alpha\beta\chi}$
				·							$^{2^{+}}\mathcal{A}^{\parallel}$ † $^{\alpha\beta}$	t. 1/2	$-\frac{i k t}{\sqrt{2}}$	0
											$\overset{2^+}{\cdot}f^{\parallel} \uparrow^{\alpha\beta}$	$\frac{i k t}{\sqrt{2}}$	$k^2 t$.	0
											$^{2}\mathcal{A}^{\parallel}$ † $^{\alpha\beta\chi}$	0	0	$k^2 r_1 + \frac{t_1^2}{2}$

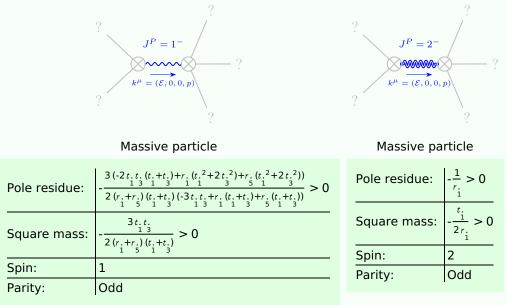
Saturated propagator



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

Massive spectrum



Massless spectrum

(No particles)

Unitarity conditions

 $r_{.} < 0 \&\& ((t_{.} < 0 \&\& 0 < t_{.} < -t_{.} \&\& r_{.} < -r_{.}) || (t_{.} > 0 \&\& t_{.} > 0 \&\& r_{.} < -r_{.}))$