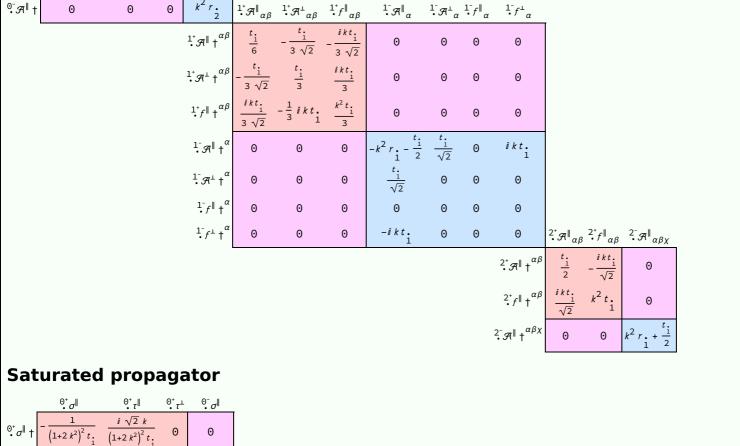
$\iiint \int \left(\frac{1}{3} \left(3 t_{1} \mathcal{A}^{\alpha_{1}}_{\alpha} \mathcal{A}^{\beta_{1}}_{\theta} + 3 \mathcal{A}^{\alpha \beta \chi}_{\alpha} \sigma_{\alpha \beta \chi} + 3 f^{\alpha \beta}_{\alpha} \tau_{(\Delta + \mathcal{K})_{\alpha \beta}} - 6 t_{1} \mathcal{A}^{\theta}_{\alpha} \partial_{\theta} \partial_{\theta}$ $\partial^{\prime}f^{\alpha}_{\ \alpha} + 6\,r_{\overset{\bullet}{1}}\,\partial_{\alpha}\mathcal{R}^{\alpha\beta\,\prime}\,\partial_{\theta}\mathcal{R}^{\ \theta}_{\beta^{\ \prime}} - 12\,r_{\overset{\bullet}{1}}\,\partial^{\prime}\mathcal{R}^{\alpha\beta}_{\ \alpha}\,\partial_{\theta}\mathcal{R}^{\ \theta}_{\beta^{\ \prime}} - 6\,r_{\overset{\bullet}{1}}\,\partial_{\alpha}\mathcal{R}^{\alpha\beta\,\prime}\,\partial_{\theta}\mathcal{R}^{\ \theta}_{\ \prime} + 12\,r_{\overset{\bullet}{1}}\,\partial^{\prime}\mathcal{R}^{\alpha\beta}_{\ \alpha}\,\partial_{\theta}\mathcal{R}^{\ \theta}_{\ \beta} - 3\,t_{\overset{\bullet}{1}}\,\partial_{\imath}f^{\alpha\,\prime}\,\partial_{\theta}f^{\alpha\,\theta}_{\alpha} + 12\,r_{\overset{\bullet}{1}}\,\partial_{\alpha}\mathcal{R}^{\alpha\beta\,\prime}_{\ \alpha}\,\partial_{\theta}\mathcal{R}^{\ \theta}_{\ \alpha} + 12\,r_{\overset{\bullet}{1}}\,\partial_{\alpha}\mathcal{R}^{\alpha\beta\,\prime}_{\ \alpha} + 12\,r_{\overset{\bullet}{1}}\,\partial_{\alpha}\mathcal{R}^$ $6t_{1}^{\bullet}\partial^{i}f^{\alpha}_{\alpha}\partial_{\theta}f^{\theta}_{i} - 4r_{1}^{\bullet}\partial_{\beta}\mathcal{A}_{\alpha i \theta}\partial^{\theta}\mathcal{A}^{\alpha \beta i} + 4r_{2}^{\bullet}\partial_{\beta}\mathcal{A}_{\alpha i \theta}\partial^{\theta}\mathcal{A}^{\alpha \beta i} + 2r_{1}^{\bullet}\partial_{\beta}\mathcal{A}_{\alpha \theta i}\partial^{\theta}\mathcal{A}^{\alpha \beta i} - 2r_{2}^{\bullet}\partial_{\beta}\mathcal{A}_{\alpha \theta i}\partial^{\theta}\mathcal{A}^{\alpha \beta i} - 2r_{2}^{\bullet}\partial_{\beta}\mathcal{A}^{\alpha \beta i}\partial^{\theta}\mathcal{A}^{\alpha \beta i}\partial^{\theta}\mathcal{A}^{\alpha \beta i} - 2r_{2}^{\bullet}\partial_{\beta}\mathcal{A}^{\alpha \beta i}\partial^{\theta}\mathcal{A}^{\alpha \beta i}\partial^{\theta}\mathcal{A}^{\alpha$ $8r.\frac{\partial_{\beta}\mathcal{R}_{,\,\theta\alpha}}{1}\partial^{\theta}\mathcal{R}^{\alpha\beta\,i} + 2r.\frac{\partial_{\beta}\mathcal{R}_{,\,\theta\alpha}}{2}\partial^{\theta}\mathcal{R}^{\alpha\beta\,i} - 2r.\frac{\partial_{i}\mathcal{R}_{\alpha\beta\,\theta}}{1}\partial^{\theta}\mathcal{R}^{\alpha\beta\,i} - r.\frac{\partial_{i}\mathcal{R}_{\alpha\beta\,\theta}}{2}\partial^{\theta}\mathcal{R}^{\alpha\beta\,i} + 2r.\frac{\partial_{\theta}\mathcal{R}_{\alpha\beta\,i}}{1}\partial^{\theta}\mathcal{R}^{\alpha\beta\,i} + r.\frac{\partial_{\theta}\mathcal{R}_{\alpha\beta\,i}}{2}\partial^{\theta}\mathcal{R}^{\alpha\beta\,i} + r.\frac{\partial_{\theta}\mathcal{R}_{\alpha\beta\,i$ $2r.\frac{\partial_{\theta}\mathcal{R}_{\alpha_{i}\beta}}{1}\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}} - 2r.\frac{\partial_{\theta}\mathcal{R}_{\alpha_{i}\beta}}{2}\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}} + 2t.\frac{\partial_{\alpha}\mathcal{R}_{\alpha_{i}\beta}}{1}\partial^{\theta}f^{\alpha_{i}} - 2t.\frac{\partial_{\alpha}f_{\alpha_{i}\beta}}{1}\partial^{\theta}f^{\alpha_{i}} - 2t.\frac{\partial_{\alpha}f_{\alpha_{i}\beta}}{1}\partial^{\theta}f^{\alpha_{i}} + t.\frac{\partial_{\alpha}f_{\alpha_{i}\beta}}{1}\partial^{\theta}f^{\alpha_{i}} + t.\frac{\partial_{\alpha}f_{\alpha_{i}\beta}}{1}\partial^{\theta}f^{\alpha_{i}\beta} + t.\frac{\partial_{\alpha}f_{\alpha_{i}\beta}}{1}\partial^{$ $2t. \partial_{\theta}f_{\alpha_{i}} \partial^{\theta}f^{\alpha_{i}} + t. \partial_{\theta}f_{i\alpha} \partial^{\theta}f^{\alpha_{i}} + t. \mathcal{A}_{\alpha_{i}\theta} \left(\mathcal{A}^{\alpha_{i}\theta} + 2\partial^{\theta}f^{\alpha_{i}}\right) + t. \mathcal{A}_{\alpha\theta_{i}} \left(\mathcal{A}^{\alpha_{i}\theta} + 4\partial^{\theta}f^{\alpha_{i}}\right)\right)\left[t, x, y, z\right] dz dy dx dt$ **Wave operator**

-t i $\sqrt{2} kt$ 0 $|0^+f||_{\dagger} = |-i|_{\dagger} \sqrt{2} kt_1 - 2k^2t_1 = 0$

 ${\stackrel{0^+}{\cdot}} f^{\perp} \dagger$ ${\stackrel{0^{\scriptscriptstyle -}}{\cdot}} \mathcal{R}^{\parallel} \dagger$

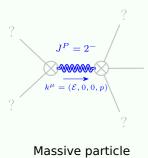
PSALTer results panel



• τ [±] †	0	0	0	0										
^{⊙-} σ †	Θ	Θ	0	$\frac{1}{k^2 r_{\cdot 2}}$	$^{1^{+}}_{\bullet}\sigma^{\parallel}_{\alpha\beta}$	$^{1^{+}}_{\bullet}\sigma^{\perp}_{\alpha\beta}$	$\left. \stackrel{1^{+}}{\cdot}_{\tau} \right _{\alpha\beta}$	$^{1} \cdot \sigma^{\parallel}_{\alpha}$	1 $^{-}$ σ^{\perp} $_{lpha}$	$1^{-}_{\bullet}\tau^{\parallel}_{\alpha}$	$\frac{1}{\cdot}\tau^{\perp}\alpha$			
				$\frac{1}{\cdot}^{\cdot}\sigma^{\parallel}\uparrow^{\alpha\beta}$	$\frac{6}{(3+2k^2)^2t_1}$	$-\frac{6 \sqrt{2}}{(3+2 k^2)^2 t_1}$	$-\frac{6 i \sqrt{2} k}{(3+2 k^2)^2 t}$	0	0	0	0			
				$i \cdot \sigma^{\perp} \uparrow^{\alpha \beta}$	$\frac{6}{3} - \frac{6\sqrt{2}}{(3+2k^2)^2 t_1}$	$\frac{12}{(3+2k^2)^2t_{1}}$	$\frac{12 i k}{\left(3+2 k^2\right)^2 t}$	0	Θ	0	0			
				$\frac{1}{2} \tau^{\parallel} \uparrow^{\alpha \beta}$	$\frac{6 i \sqrt{2} k}{(3+2 k^2)^2 t_1}$	$-\frac{12 i k}{\left(3+2 k^2\right)^2 t}$	$\frac{12 k^2}{\left(3+2 k^2\right)^2 t_{i}}$	0	Θ	0	0			
				$^{1^{-}}\sigma^{\parallel}$ †	0	0	0	0	$\frac{\sqrt{2}}{t_1+2k^2t_1}$	0	$\frac{2 i k}{t_1 + 2 k^2 t_1}$			
				1 ⁻ σ ⁺ † ⁰		0	0	$\frac{\sqrt{2}}{t_{1}+2 k^{2} t_{1}}$	$\frac{2 k^2 r_1 + t_1}{\left(t_1 + 2 k^2 t_1\right)^2}$	0	$\frac{i \sqrt{2} k \left(2 k^2 r_{1} + t_{1}\right)}{\left(t_{1} + 2 k^2 t_{1}\right)^2}$			
				1 ⁻ τ †	0	Θ	Θ	0	0	0	0			
				1 ⁻ τ ⁻ † ^c	0	0	0	$-\frac{2ik}{t_{\cdot}+2k^2t_{\cdot}}$	$-\frac{i \sqrt{2} k \left(2 k^2 r_1 + t_1\right)}{\left(t_1 + 2 k^2 t_1\right)^2}$	0	$\frac{2 k^2 \left(2 k^2 r_1 + t_1\right)}{\left(t_1 + 2 k^2 t_1\right)^2}$	2 ⁺ σ αβ	$2^{+}_{\bullet}\tau^{\parallel}_{\alpha\beta}$	$^{2^{-}}\sigma^{\parallel}_{\alpha\beta\chi}$
											$^{2^{+}}\sigma^{\parallel}$ † $^{\alpha\beta}$	$\frac{2}{\left(1+2k^2\right)^2t_{\underline{1}}}$	$-\frac{2 i \sqrt{2} k}{\left(1+2 k^2\right)^2 t}$	0
											$2^{+}_{\bullet} \tau^{\parallel} \uparrow^{\alpha\beta}$	$\frac{2 i \sqrt{2} k}{\left(1+2 k^2\right)^2 t}$	$\frac{4 k^2}{\left(1+2 k^2\right)^2 t_{1}}$	Θ
											$^{2^{-}}\sigma^{\parallel}$ † $^{\alpha\beta\chi}$	0	0	$\frac{2}{2 k^2 r.+t.}$
Sou	ırce c	onst	raint	:s										

Spin-parity form	Covariant form	Multiplicities
$\Theta^+_{\bullet} \tau^{\perp} == \Theta$	$\partial_{\beta}\partial_{\alpha\tau}\left(\Delta+\mathcal{K}\right)^{\alpha\beta}=0$	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
$\frac{2 i k \cdot 1^{-} \sigma^{\perp}^{\alpha} + 1^{-} \tau^{\perp}^{\alpha} == 0}{$	$\partial_{\chi}\partial_{\beta}\partial^{\alpha}{}_{\tau}\left(\Delta+\mathcal{K}\right)^{\beta\chi} = \partial_{\chi}\partial^{\chi}\partial_{\beta\tau}\left(\Delta+\mathcal{K}\right)^{\alpha\beta} + 2\partial_{\delta}\partial^{\delta}\partial_{\chi}\partial_{\beta}\sigma^{\beta\alpha\chi}$	3
1- _t ^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
$\frac{1}{-2 i k \cdot 1^{+} \sigma^{\parallel}^{\alpha\beta} + \cdot 1^{+} \tau^{\parallel}^{\alpha\beta}} = 0$	$\partial_{\chi}\partial^{\alpha}_{\tau}\left(\Delta+\mathcal{K}\right)^{\beta\chi} + \partial_{\chi}\partial^{\beta}_{\tau}\left(\Delta+\mathcal{K}\right)^{\chi\alpha} + \partial_{\chi}\partial^{\chi}_{\tau}\left(\Delta+\mathcal{K}\right)^{\alpha\beta} + 2\partial_{\delta}\partial_{\chi}\partial^{\alpha}\sigma^{\chi\beta\delta} + 2\partial_{\delta}\partial^{\delta}\partial_{\chi}\sigma^{\beta\alpha\chi} = =$	3
	$\partial_{\chi}\partial^{\alpha}{}_{\tau}\left(\Delta+\mathcal{K}\right)^{\chi\beta} + \partial_{\chi}\partial^{\beta}{}_{\tau}\left(\Delta+\mathcal{K}\right)^{\alpha\chi} + \partial_{\chi}\partial^{\chi}{}_{\tau}\left(\Delta+\mathcal{K}\right)^{\beta\alpha} + 2 \ \partial_{\delta}\partial_{\chi}\partial^{\beta}\sigma^{\chi\alpha\delta} + 2 \ \partial_{\delta}\partial^{\delta}\partial_{\chi}\sigma^{\alpha\beta\chi}$	
$2 1^{+}_{\bullet} \sigma^{\parallel}^{\alpha\beta} + 1^{+}_{\bullet} \sigma^{\perp}^{\alpha\beta} = 0$	$\partial_{\chi}\sigma^{\alpha\beta\chi} + \partial_{\chi}\sigma^{\chi\alpha\beta} = \partial_{\chi}\sigma^{\beta\alpha\chi}$	3
$-2 i k \frac{2^+}{2^+} \sigma^{\parallel}^{\alpha\beta} + \frac{2^+}{2^+} \tau^{\parallel}^{\alpha\beta} = 0$	$-i\left(4\ \partial_{\delta}\partial_{\chi}\partial^{\beta}\partial^{\alpha}_{\tau}\left(\Delta+\mathcal{K}\right)^{\chi\delta}+2\ \partial_{\delta}\partial^{\delta}\partial^{\beta}\partial^{\alpha}_{\tau}\left(\Delta+\mathcal{K}\right)^{\chi}_{\chi}-3\ \partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\alpha}_{\tau}\left(\Delta+\mathcal{K}\right)^{\beta\chi}-3\ \partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\alpha}_{\tau}\left(\Delta+\mathcal{K}\right)^{\chi\beta}-3\ \partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\alpha}\partial_{\chi}$	5
	$3 \partial_{\delta} \partial^{\delta} \partial_{\chi} \partial^{\beta} \tau \left(\Delta + \mathcal{K} \right)^{\alpha \chi} - 3 \partial_{\delta} \partial^{\delta} \partial_{\chi} \partial^{\beta} \tau \left(\Delta + \mathcal{K} \right)^{\chi \alpha} + 3 \partial_{\delta} \partial^{\delta} \partial_{\chi} \partial^{\chi} \tau \left(\Delta + \mathcal{K} \right)^{\alpha \beta} + 3 \partial_{\delta} \partial^{\delta} \partial_{\chi} \partial^{\chi} \tau \left(\Delta + \mathcal{K} \right)^{\beta \alpha} + \\$	
	$4 i k^{X} \partial_{\epsilon} \partial_{\chi} \partial^{\beta} \partial^{\alpha} \sigma^{\delta}_{\delta} - 6 i k^{X} \partial_{\epsilon} \partial_{\delta} \partial_{\chi} \partial^{\alpha} \sigma^{\delta \beta \epsilon} - 6 i k^{X} \partial_{\epsilon} \partial_{\delta} \partial_{\chi} \partial^{\beta} \sigma^{\delta \alpha \epsilon} + 6 i k^{X} \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial_{\chi} \sigma^{\alpha \beta \delta} +$	
	$ 6 \ \emph{i} \ \emph{k}^{X} \ \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 \left(\Delta + \mathcal{K} \right)^{X \delta} - 2 \ \eta^{\alpha \beta} \ \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\delta} \tau \left(\Delta + \mathcal{K} \right)^{X}_{\chi} - 4 \ \emph{i} \ \eta^{\alpha \beta} \ \emph{k}^{X} \ \partial_{\phi} \partial^{\phi} \partial_{\epsilon} \partial_{\chi} \sigma^{\delta}_{\delta} = 0 $	
Total expected gauge	generators:	19

Massive spectrum



Pole residue: $-\frac{1}{r}$

		1						
	Square mass:	$-\frac{\frac{t}{1}}{2r} > 0$						
	Spin:	2						
	Parity:	Odd						
Massless spectrum								

(No particles)

Unitarity conditions

 $r \cdot < 0 && t \cdot > 0$