0^+f^{\parallel} † ${\stackrel{0^+}{\cdot}}f^{\perp}$ † $k^2 r \cdot + t \cdot 2$ $^{0}\overline{\cdot}\mathcal{A}^{\parallel}$ † $\mathbf{\dot{\cdot}^{+}}\mathcal{A}^{\perp}{}_{\alpha\beta} \qquad \mathbf{\dot{\cdot}^{+}}{}_{f}{}^{\parallel}{}_{\alpha\beta} \qquad \mathbf{\dot{\cdot}^{-}}\mathcal{A}^{\parallel}{}_{\alpha} \ \mathbf{\dot{\cdot}^{-}}\mathcal{A}^{\perp}{}_{\alpha} \ \mathbf{\dot{\cdot}^{-}}{}_{f}{}^{\parallel}{}_{\alpha}$

Wave operator

PSALTer results panel

 $\mathcal{S} == \iiint \left(\frac{1}{6} \left(6 \ \mathcal{A}^{\alpha\beta\chi} \ \sigma_{\alpha\beta\chi} + 6 \ f^{\alpha\beta} \ \tau_{(\Delta + \mathcal{K})_{\alpha\beta}} - 18 \ r_{\stackrel{\bullet}{3}} \partial_{\beta}\mathcal{A}_{\stackrel{\theta}{, \theta}} \partial^{i}\mathcal{A}^{\alpha\beta}_{\quad \alpha} - 6 \ r_{\stackrel{\bullet}{3}} \partial_{i}\mathcal{A}_{\stackrel{\theta}{\beta}}_{\quad \theta} \partial^{i}\mathcal{A}^{\alpha\beta}_{\quad \alpha} - 6 \ r_{\stackrel{\bullet}{3}} \partial_{i}\mathcal{A}_{\stackrel{\bullet}{\beta}}_{\quad \alpha} - 6 \ r_{\stackrel{\bullet}{3}} \partial_{i}\mathcal{A}_{\stackrel{\bullet}{\beta}}_{\quad \alpha} - 6 \ r_{\stackrel{\bullet}{3}} \partial_{i}\mathcal{A}_{\stackrel{\bullet}{\beta}}_{\quad \alpha} - 6 \ r_{\stackrel{\bullet}{\beta}}_{\quad \alpha}_{\stackrel{\bullet}{\beta}}_{\quad \alpha} - 6 \ r_{\stackrel{\bullet}{\beta}}_{\quad \alpha}_{\stackrel{\bullet}{\beta}}_{\quad \alpha} - 6 \ r_{\stackrel{\bullet}{\beta}}_{\quad \alpha} - 6 \ r_{\stackrel{\bullet}{\beta}}_{\quad \alpha}_{\stackrel{\bullet}{\beta}}_{\quad \alpha} - 6 \ r_{\stackrel{\bullet}{\beta}}_{\quad \alpha}_{\stackrel{\bullet}{\beta}}_{\quad \alpha}_{\stackrel{\bullet}{\beta}}_{\stackrel{\bullet}{\beta}}_{\stackrel{\bullet}{\beta}_{\stackrel{\bullet}{\beta}}_{\stackrel{\bullet}{\beta}}_{\stackrel{\bullet}{\beta}_{\stackrel{\bullet}{\beta}}_{\stackrel{\bullet}{\beta}}_{\stackrel{\bullet}{\beta}_{\stackrel{\bullet}$

 $\begin{vmatrix} 1^{+} f \| \uparrow^{\alpha \beta} \end{vmatrix} - \frac{1}{3} i \sqrt{2} kt \cdot - \frac{1}{3} i kt \cdot \frac{1}{2}$

 1 \mathcal{A}^{\parallel} $^{\alpha}$

 $8\,r_{2}\,\partial_{\beta}\mathcal{R}_{\alpha_{i}\,\theta}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}}-4\,r_{2}\,\partial_{\beta}\mathcal{R}_{\alpha\theta_{i}}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}}+4\,r_{2}\,\partial_{\beta}\mathcal{R}_{i\,\theta\alpha}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}}-24\,r_{3}\,\partial_{\beta}\mathcal{R}_{i\,\theta\alpha}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}}-4\,r_{3}\,\partial_{\beta}\mathcal{R}_{i\,\theta\alpha_{i}}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}}-4\,r_{4}\,r_{5}\,\partial_{\beta}\mathcal{R}_{i\,\theta\alpha_{i}}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}}-4\,r_{5}\,\partial_{\beta}\mathcal{R}_{i\,\theta\alpha_{i}}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}}-4\,r_{5}\,\partial_{\beta}\mathcal{R}_{i\,\theta\alpha_{i}}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}}-4\,r_{5}\,\partial_{\beta}\mathcal{R}_{i\,\theta\alpha_{i}}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}}-4\,r_{5}\,\partial_{\beta}\mathcal{R}_{i\,\theta\alpha_{i}}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}}-4\,r_{5}\,\partial_{\beta}\mathcal{R}_{i\,\theta\alpha_{i}}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}}-4\,r_{5}\,\partial_{\beta}\mathcal{R}_{i\,\theta\alpha_{i}}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}}-4\,r_{5}\,\partial_{\beta}\mathcal{R}_{i\,\theta\alpha_{i}}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}}-4\,r_{5}\,\partial_{\beta}\mathcal{R}_{i\,\theta\alpha_{i}}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}}-4\,r_{5}\,\partial_{\beta}\mathcal{R}_{i\,\theta\alpha_{i}}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}}-4\,r_{5}\,\partial_{\beta}\mathcal{R}_{i\,\theta\alpha_{i}}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}}-4\,r_{5}\,\partial_{\beta}\mathcal{R}_{i\,\theta\alpha_{i}}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}}-4\,r_{5}\,\partial_{\beta}\mathcal{R}_{i\,\theta\alpha_{i}}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}}-4\,r_{5}\,\partial_{\beta}\mathcal{R}_{i\,\theta\alpha_{i}}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}}-4\,r_{5}\,\partial_{\beta}\mathcal{R}_{i\,\theta\alpha_{i}}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}}-4\,r_{5}\,\partial_{\beta}\mathcal{R}_{i\,\theta\alpha_{i}}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}}-4\,r_{5}\,\partial_{\beta}\mathcal{R}_{i\,\theta\alpha_{i}}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}}-4\,r_{5}\,\partial_{\beta}\mathcal{R}_{i\,\theta\alpha_{i}}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}}-4\,r_{5}\,\partial_{\beta}\mathcal{R}_{i\,\theta\alpha_{i}}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}}-4\,r_{5}\,\partial_{\beta}\mathcal{R}^{\alpha\beta_{i}}-4\,r_{5}\,\partial_{\beta}\mathcal{R}_{i\,\theta\alpha_{i}}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}}-4\,r_{5}\,\partial_{\beta}\mathcal{R}_{i\,\theta\alpha_{i}}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}}-4\,r_{5}\,\partial_{\beta}\mathcal{R}_{i\,\theta\alpha_{i}}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}}-4\,r_{5}\,\partial_{\beta}\mathcal{R}_{i\,\theta\alpha_{i}}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}}-4\,r_{5}\,\partial_{\beta}\mathcal{R}^{\alpha\beta_{i}}-4\,$

 $2\,r_{2}\,\partial_{i}\mathcal{A}_{\alpha\beta\theta}\,\partial^{\theta}\mathcal{A}^{\alpha\beta\,i}\,+2\,r_{2}\,\partial_{\theta}\mathcal{A}_{\alpha\beta\,i}\,\partial^{\theta}\mathcal{A}^{\alpha\beta\,i}\,-4\,r_{2}\,\partial_{\theta}\mathcal{A}_{\alpha\,i\,\beta}\,\partial^{\theta}\mathcal{A}^{\alpha\beta\,i}\,+4\,t_{2}\,\mathcal{A}_{i\,\theta\alpha}\,\partial^{\theta}f^{\alpha\,i}\,+4\,d^{\alpha}g^{\alpha\beta}\,d^{\alpha}g^$

 $2\,t_{2}\,\partial_{\alpha}f_{\,\,{}_{1}\,\theta}\,\partial^{\theta}f^{\,\alpha\,{}_{1}}\,-\,t_{2}\,\partial_{\alpha}f_{\,\,\theta\,{}_{1}}\,\partial^{\theta}f^{\,\alpha\,{}_{1}}\,-\,t_{2}\,\partial_{i}f_{\,\,\alpha\,\theta}\,\partial^{\theta}f^{\,\alpha\,{}_{1}}\,+\,t_{2}\,\partial_{\theta}f_{\,\,\alpha\,{}_{1}}\,\partial^{\theta}f^{\,\alpha\,{}_{1}}\,-\,t_{2}\,\partial_{\theta}f_{\,\,{}_{1}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{1}}\,-\,t_{2}\,\partial_{\theta}f_{\,\,{}_{1}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{1}}\,-\,t_{3}\,\partial_{\theta}f_{\,\,{}_{2}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{3}}\,-\,t_{4}\,\partial_{\theta}f_{\,\,{}_{3}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{3}}\,-\,t_{4}\,\partial_{\theta}f_{\,\,{}_{3}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{3}}\,-\,t_{5}\,\partial_{\theta}f_{\,\,{}_{3}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{3}}\,-\,t_{5}\,\partial_{\theta}f_{\,\,{}_{3}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{3}}\,-\,t_{5}\,\partial_{\theta}f_{\,\,{}_{3}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{3}}\,-\,t_{5}\,\partial_{\theta}f_{\,\,{}_{3}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{3}}\,-\,t_{5}\,\partial_{\theta}f_{\,\,{}_{3}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{3}}\,-\,t_{5}\,\partial_{\theta}f_{\,\,{}_{3}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{3}}\,-\,t_{5}\,\partial_{\theta}f_{\,\,{}_{3}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{3}}\,-\,t_{5}\,\partial_{\theta}f_{\,\,{}_{3}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{3}}\,-\,t_{5}\,\partial_{\theta}f_{\,\,{}_{3}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{3}}\,-\,t_{5}\,\partial_{\theta}f_{\,\,{}_{3}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{3}}\,-\,t_{5}\,\partial_{\theta}f_{\,\,{}_{3}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{3}}\,-\,t_{5}\,\partial_{\theta}f_{\,\,{}_{3}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{3}}\,-\,t_{5}\,\partial_{\theta}f_{\,\,{}_{3}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{3}}\,-\,t_{5}\,\partial_{\theta}f_{\,\,{}_{3}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{3}}\,-\,t_{5}\,\partial_{\theta}f_{\,\,{}_{3}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{3}\,\alpha}\,-\,t_{5}\,\partial_{\theta}f_{\,\,{}_{3}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{3}\,\alpha}\,-\,t_{5}\,\partial_{\theta}f_{\,\,{}_{3}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{3}\,\alpha}\,-\,t_{5}\,\partial_{\theta}f_{\,\,{}_{3}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{3}\,\alpha}\,-\,t_{5}\,\partial_{\theta}f_{\,\,{}_{3}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{3}\,\alpha}\,-\,t_{5}\,\partial_{\theta}f_{\,\,{}_{3}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{3}\,\alpha}\,-\,t_{5}\,\partial_{\theta}f_{\,\,{}_{3}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{3}\,\alpha}\,-\,t_{5}\,\partial_{\theta}f_{\,\,{}_{3}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{3}\,\alpha}\,-\,t_{5}\,\partial_{\theta}f_{\,\,{}_{3}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{3}\,\alpha}\,-\,t_{5}\,\partial_{\theta}f_{\,\,{}_{3}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{3}\,\alpha}\,-\,t_{5}\,\partial_{\theta}f_{\,\,{}_{3}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{3}\,\alpha}\,-\,t_{5}\,\partial_{\theta}f_{\,\,{}_{3}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{3}\,\alpha}\,-\,t_{5}\,\partial_{\theta}f_{\,\,{}_{3}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{3}\,\alpha}\,-\,t_{5}\,\partial_{\theta}f_{\,\,{}_{3}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{3}\,\alpha}\,-\,t_{5}\,\partial_{\theta}f_{\,\,{}_{3}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{3}\,\alpha}\,-\,t_{5}\,\partial_{\theta}f_{\,\,{}_{3}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{3}\,\alpha}\,-\,t_{5}\,\partial_{\theta}f_{\,\,{}_{3}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{3}\,\alpha}\,-\,t_{5}\,\partial_{\theta}f_{\,\,{}_{3}\,\alpha}\,\partial^{\theta}f^{\,\alpha\,{}_{3}\,\alpha}\,-\,t_{5}\,\partial_{\theta}f_{\,\,{}_{3}\,\alpha}\,-\,t_{5}\,\partial_{\theta}f^{\,\alpha\,{}_{3}\,\alpha}\,-\,t_{5}\,\partial_{\theta}f^{\,\alpha\,{}_{3}\,\alpha}\,$

 $4t. \mathcal{A}_{\alpha\theta} \left(\mathcal{A}^{\alpha i \theta} + \partial^{\theta} f^{\alpha i}\right) + 2t. \mathcal{A}_{\alpha i \theta} \left(\mathcal{A}^{\alpha i \theta} + 2\partial^{\theta} f^{\alpha i}\right) \right) [t, x, y, z] dz dy dx dt$

0

0

0

0

0

 $2^+ \sigma^{\parallel}_{\alpha\beta} 2^+ \tau^{\parallel}_{\alpha\beta} 2^- \sigma^{\parallel}_{\alpha\beta\chi}$

0

0

0

Multiplicities

 $^{1^{\text{-}}}_{\:\raisebox{1pt}{\text{\cdot}}}\mathscr{A}^{\perp} \, {\dagger}^{\alpha}$ 0 0 $^{1^{-}}_{\bullet}f^{\parallel}\uparrow^{\alpha}$ 0 0 0 0 0 0 0 $^{1^{-}}f^{\perp}\dagger^{\alpha}$ ${\overset{2^{+}}{\cdot}}\mathcal{A}^{\parallel}{}_{\alpha\beta}\ {\overset{2^{+}}{\cdot}}{}^{f}{}^{\parallel}{}_{\alpha\beta}\ {\overset{2^{-}}{\cdot}}\mathcal{A}^{\parallel}{}_{\alpha\beta\chi}$ 0 0 \mathcal{A}^{\parallel} $\uparrow^{\alpha\beta}$ $f^{\parallel} \uparrow^{\alpha\beta}$ $^{2^{-}}\mathcal{A}^{\parallel}$ † $^{\alpha\beta\chi}$ <u>Saturated</u> <u>propagator</u> ${\scriptstyle \stackrel{0^{+}}{\bullet}}{\scriptstyle \tau}{\scriptstyle \parallel} \ {\scriptstyle \stackrel{0^{+}}{\bullet}}{\scriptstyle \tau}{}^{\perp}$ $0^{\circ}_{\bullet} \tau^{\parallel} \uparrow$ 0 0 ${\stackrel{0^+}{\cdot}} \tau^{\perp} \dagger$ ${}^{0^{-}}\sigma^{\parallel}$ † $1^{+}_{\bullet} \tau^{\parallel}_{\alpha \underline{\beta}}$ $^{1^{+}}\sigma^{\parallel}_{\alpha\beta}$ $\overset{1^{-}}{\cdot}\sigma^{\parallel}{}_{\alpha}\overset{1^{-}}{\cdot}\sigma^{\perp}{}_{\alpha}\overset{1^{-}}{\cdot}\tau^{\parallel}{}_{\alpha}\overset{1^{-}}{\cdot}\tau^{\perp}{}_{\alpha}$ $-\frac{\sqrt{2}}{k^2 r_{\bullet} + k^4 r_{\bullet}}$ $-\frac{i \sqrt{2}}{k r \cdot + k^3 r \cdot 3}$

 $-\frac{i\left(3\,k^2\,r\,.+2\,t\,.\right)}{k\left(1+\mu^{2}\right)^2}$

 $\frac{1}{k(1+k^2)^2 r. t.}$

0

0

 $(1+k^2)^2 r_1 t_2$

0

0

0

0

0

0

0

 $2^{+}_{\bullet} \tau^{\parallel} \uparrow^{\alpha\beta}$

Spin-parity form Covariant form $^{0^+}\tau^{\perp} == 0$ $\partial_{\beta}\partial_{\alpha}\tau \left(\Delta+\mathcal{K}\right)^{\alpha\beta} = 0$

Source constraints

 $^{1^{+}}_{\bullet}\tau^{\parallel}\uparrow^{\alpha\beta}$

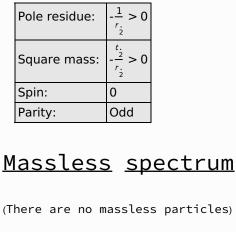
 $\stackrel{1^{-}}{\cdot}\sigma^{\parallel}\uparrow^{\alpha}$

 1 $^{-}$ σ^{\perp} \dagger^{α}

 $\frac{1}{2} \tau^{\parallel} \uparrow^{\alpha}$

0

	-p-at (A177)	
^{0⁺} τ == 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 ⁻ τ [⊥] α == 0	$\partial_{\chi}\partial_{\beta}\partial^{\alpha}\tau \left(\Delta + \mathcal{K}\right)^{\beta\chi} = \partial_{\chi}\partial^{\chi}\partial_{\beta}\tau \left(\Delta + \mathcal{K}\right)^{\alpha\beta}$	3
1 _• τ α == Θ	$\partial_{\chi}\partial_{\beta}\partial^{\alpha}\tau \left(\Delta + \mathcal{K}\right)^{\beta\chi} = \partial_{\chi}\partial^{\chi}\partial_{\beta}\tau \left(\Delta + \mathcal{K}\right)^{\beta\alpha}$	3
1 ⁻ _• σ ^{⊥α} == 0	$\partial_{\chi}\partial_{\beta}\sigma^{\beta\alpha\chi} = 0$	3
$i k \cdot 1^+ \sigma^{\perp} \alpha^{\beta} + 1^+ \tau^{\parallel} \alpha^{\beta} = 0$	$\partial_{\chi}\partial^{\alpha}\tau\left(\Delta+\mathcal{K}\right)^{\beta\chi}+\partial_{\chi}\partial^{\beta}\tau\left(\Delta+\mathcal{K}\right)^{\chi\alpha}+\partial_{\chi}\partial^{\chi}\tau\left(\Delta+\mathcal{K}\right)^{\alpha\beta}+2\partial_{\delta}\partial_{\chi}\partial^{\alpha}\sigma^{\chi\beta\delta}+2\partial_{\delta}\partial^{\delta}\partial_{\chi}\sigma^{\chi\alpha\beta}==$	3
	$\partial_{\chi}\partial^{\alpha}\tau\left(\Delta+\mathcal{K}\right)^{\chi\beta}+\partial_{\chi}\partial^{\beta}\tau\left(\Delta+\mathcal{K}\right)^{\alpha\chi}+\partial_{\chi}\partial^{\chi}\tau\left(\Delta+\mathcal{K}\right)^{\beta\alpha}+2\;\partial_{\delta}\partial_{\chi}\partial^{\beta}\sigma^{\chi\alpha\delta}$	
$2^{-}_{\cdot \sigma} \parallel^{\alpha\beta\chi} = 0$	$3 \partial_{\epsilon} \partial_{\delta} \partial^{\chi} \partial^{\alpha} \sigma^{\delta \beta \epsilon} + 3 \partial_{\epsilon} \partial^{\epsilon} \partial^{\chi} \partial^{\alpha} \sigma^{\delta \beta}_{ \delta} + 2 \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\beta} \sigma^{\alpha \chi \delta} + 4 \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\beta} \sigma^{\chi \alpha \delta} +$	5
	$2\ \partial_{\epsilon}\partial^{\epsilon}\partial_{\delta}\partial^{\beta}\sigma^{\delta\alpha\chi} + 2\ \partial_{\epsilon}\partial^{\epsilon}\partial_{\delta}\partial^{\chi}\sigma^{\beta\alpha\delta} + 4\ \partial_{\epsilon}\partial^{\epsilon}\partial_{\delta}\partial^{\chi}\sigma^{\delta\alpha\beta} + 2\ \partial_{\epsilon}\partial^{\epsilon}\partial_{\delta}\partial^{\delta}\sigma^{\alpha\beta\chi} +$	
	$3 \ \eta^{\beta \chi} \ \partial_{\phi} \partial^{\phi} \partial_{\epsilon} \partial^{\alpha} \sigma^{\delta}_{\ \ \delta}^{\ \ \epsilon} + 3 \ \eta^{\alpha \chi} \ \partial_{\phi} \partial^{\phi} \partial_{\epsilon} \partial_{\delta} \sigma^{\delta \beta \epsilon} + 3 \ \eta^{\beta \chi} \ \partial_{\phi} \partial^{\phi} \partial_{\epsilon} \partial^{\epsilon} \sigma^{\delta \alpha}_{\ \ \delta} = $	
	$3 \partial_{\epsilon} \partial_{\delta} \partial^{\chi} \partial^{\beta} \sigma^{\delta \alpha \epsilon} + 3 \partial_{\epsilon} \partial^{\epsilon} \partial^{\chi} \partial^{\beta} \sigma^{\delta \alpha}_{\delta} + 2 \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\alpha} \sigma^{\beta \chi \delta} + 4 \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\alpha} \sigma^{\chi \beta \delta} +$	
	$2 \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\alpha} \sigma^{\delta \beta \chi} + 2 \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\chi} \sigma^{\alpha \beta \delta} + 2 \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\delta} \sigma^{\beta \alpha \chi} + 4 \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\delta} \sigma^{\chi \alpha \beta} +$	
	$3 \eta^{\alpha\chi} \partial_{\phi} \partial^{\phi} \partial_{\epsilon} \partial^{\beta} \sigma^{\delta}_{\delta} {}^{\epsilon} + 3 \eta^{\beta\chi} \partial_{\phi} \partial^{\phi} \partial_{\epsilon} \partial_{\delta} \sigma^{\delta\alpha\epsilon} + 3 \eta^{\alpha\chi} \partial_{\phi} \partial^{\phi} \partial_{\epsilon} \partial^{\epsilon} \sigma^{\delta\beta}_{\delta}$	
$2^+_{\tau} \eta^{\alpha\beta} = 0$	$4 \partial_{\delta} \partial_{\chi} \partial^{\beta} \partial^{\alpha} \tau \left(\Delta + \mathcal{K} \right)^{\chi \delta} + 2 \partial_{\delta} \partial^{\delta} \partial^{\beta} \partial^{\alpha} \tau \left(\Delta + \mathcal{K} \right)^{\chi} +$	5
	$3 \partial_{\delta} \partial^{\delta} \partial_{\chi} \partial^{\chi}_{\tau} (\Delta + \mathcal{K})^{\alpha \beta} + 3 \partial_{\delta} \partial^{\delta} \partial_{\chi} \partial^{\chi}_{\tau} (\Delta + \mathcal{K})^{\beta \alpha} + 2 \eta^{\alpha \beta} \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial_{\chi}_{\tau} (\Delta + \mathcal{K})^{\chi \delta} = 0$	
	$3 \partial_{\delta} \partial^{\delta} \partial_{\chi} \partial^{\alpha} \tau (\Delta + \mathcal{K})^{\beta \chi} + 3 \partial_{\delta} \partial^{\delta} \partial_{\chi} \partial^{\alpha} \tau (\Delta + \mathcal{K})^{\chi \beta} + 3 \partial_{\delta} \partial^{\delta} \partial_{\chi} \partial^{\beta} \tau (\Delta + \mathcal{K})^{\alpha \chi} + \\$	
	$3 \partial_{\delta} \partial^{\delta} \partial_{\chi} \partial^{\beta}_{\tau} (\Delta + \mathcal{K})^{\chi \alpha} + 2 \eta^{\alpha \beta} \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\delta}_{\tau} (\Delta + \mathcal{K})^{\chi}_{\chi}$	
2 ⁺ _σ ^{αβ} == 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} = $	5
	$2 \partial_{\delta} \partial^{\beta} \partial^{\alpha} \sigma_{\chi}^{\chi} \delta + 3 \left(\partial_{\delta} \partial^{\delta} \partial_{\chi} \sigma^{\alpha \beta \chi} + \partial_{\delta} \partial^{\delta} \partial_{\chi} \sigma^{\beta \alpha \chi} \right)$	
	Total expected gauge generators:	



Massive particle

<u>Gauge symmetries</u> (Not yet implemented in PSALTer)

<u>Unitarity</u> <u>conditions</u>

 $r_{2} < 0 \&\& t_{2} > 0$

<u>Validity</u> <u>assumptions</u>

(Not yet implemented in PSALTer)