### $\iiint \left[ \frac{1}{6} \left( -4 t \underbrace{1}_{3} \, \mathcal{A}^{\alpha \, \prime}_{\alpha \, \alpha} \, \mathcal{A}^{\, \theta}_{\prime \, \theta} + 6 \, \mathcal{A}^{\alpha \beta \chi} \, \sigma_{\alpha \beta \chi} + 6 \, f^{\alpha \beta}_{\alpha \, \gamma} \, \sigma_{\alpha \beta \chi} + 6 \, f^{\alpha \beta}_{\alpha \, \gamma} \, \sigma_{\alpha \beta \gamma} + 8 \underbrace{1}_{3} \, \mathcal{A}^{\, \theta}_{\alpha \, \theta} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} - 8 \underbrace{1}_{3} \, \mathcal{A}^{\, \theta}_{\alpha \, \theta} \, \partial^{i} f^{\alpha}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} \, \partial_{\theta} f^{\alpha \, \prime}_{\alpha \, \gamma} - 8 \underbrace{1}_{3} \, \mathcal{A}^{\, \theta}_{\alpha \, \beta \, \gamma} \, \partial^{i} f^{\alpha}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} \, \partial_{\theta} f^{\alpha \, \prime}_{\alpha \, \gamma} - 8 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} \, \partial_{\theta} f^{\alpha \, \prime}_{\alpha \, \gamma} - 8 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{i} f^{\alpha \, \prime}_{\alpha \, \gamma} + 4 \underbrace{1}_{3} \, \partial_{$ $8t.\frac{\partial^{i}f^{\alpha}}{\partial_{\alpha}}\partial_{\theta}f^{\beta}_{i} + 8r.\frac{\partial_{\beta}\mathcal{R}_{\alpha_{i}\theta}}{\partial_{\alpha}}\partial_{\alpha_{i}\theta}\partial_{$ $2r_{2}\partial_{\theta}\mathcal{R}_{\alpha\beta_{1}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{1}} - 4r_{2}\partial_{\theta}\mathcal{R}_{\alpha_{1}\beta_{1}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{1}} + 4t_{2}\mathcal{R}_{\beta_{1}\alpha_{2}}\partial^{\theta}f^{\alpha_{1}} + 2t_{2}\partial_{\alpha}f_{\beta_{1}\theta_{2}}\partial^{\theta}f^{\alpha_{1}} - t_{2}\partial_{\alpha}f_{\theta_{1}}\partial^{\theta}f^{\alpha_{1}} - t_{2}\partial_{\beta}f^{\alpha_{2}}\partial^{\theta}f^{\alpha_{1}} + 2t_{2}\partial_{\alpha}f^{\alpha_{2}}\partial^{\theta}f^{\alpha_{1}} - t_{2}\partial_{\alpha}f^{\alpha_{2}}\partial^{\theta}f^{\alpha_{1}} + 2t_{2}\partial_{\alpha}f^{\alpha_{2}}\partial^{\theta}f^{\alpha_{1}} - t_{2}\partial_{\alpha}f^{\alpha_{2}}\partial^{\theta}f^{\alpha_{1}} - t_{2}\partial_{\alpha}f^{\alpha_{2}}\partial^{\theta}f^{\alpha_{1}} + 2t_{2}\partial_{\alpha}f^{\alpha_{2}}\partial^{\theta}f^{\alpha_{1}} - t_{2}\partial_{\alpha}f^{\alpha_{2}}\partial^{\theta}f^{\alpha_{1}} + 2t_{2}\partial_{\alpha}f^{\alpha_{2}}\partial^{\theta}f^{\alpha_{1}} - t_{2}\partial_{\alpha}f^{\alpha_{2}}\partial^{\theta}f^{\alpha_{1}} - t_{2}\partial_{\alpha}f^{\alpha_{2}}\partial^{\theta}f^{\alpha_{1}} - t_{2}\partial_{\alpha}f^{\alpha_{2}}\partial^{\theta}f^{\alpha_{1}} + 2t_{2}\partial_{\alpha}f^{\alpha_{2}}\partial^{\theta}f^{\alpha_{1}} - t_{2}\partial_{\alpha}f^{\alpha_{2}}\partial^{\theta}f^{\alpha_{1}} - t_{2}\partial^{\theta}f^{\alpha_{1}}\partial^{\theta}f^{\alpha_{1}} - t_{2}\partial^{\theta}f^{\alpha_{1}}\partial^{\theta}f^{\alpha_{1}}\partial^{\theta}f^{\alpha_{1}} - t_{2}\partial^{\theta}f^{\alpha_{1}}\partial^{\theta}f^{\alpha_{1}}\partial^{\theta}f^{\alpha_{1}} - t_{2}\partial^{\theta}f^{\alpha_{1}}\partial^{\theta}f^{\alpha_{1}}\partial^{\theta}f^{\alpha_{1}}\partial^{\theta}f^{\alpha_{1}}\partial^{\theta}f^{\alpha_{1}}\partial^{\theta}f^{\alpha_{1}} - t_{2}\partial^{\theta}f^{\alpha_{1}}\partial^{\theta}f^{\alpha_{1$ $t_{2}^{t} \partial_{\theta}f_{\alpha_{1}} \partial^{\theta}f^{\alpha_{1}} - t_{2}^{t} \partial_{\theta}f_{\alpha_{1}} \partial^{\theta}f^{\alpha_{1}} - 4t_{2}^{t} \mathcal{A}_{\alpha\theta_{1}} \left( \mathcal{A}^{\alpha_{1}\theta} + \partial^{\theta}f^{\alpha_{1}} \right) + 2t_{2}^{t} \mathcal{A}_{\alpha_{1}\theta} \left( \mathcal{A}^{\alpha_{1}\theta} + 2\partial^{\theta}f^{\alpha_{1}} \right) \right) [t, x, y, z] dz dy dx dt$ Wave operator $[0^+f]$ $-i \sqrt{2} kt$ 0 $^{0^{\scriptscriptstyle +}}\mathcal{R}^{\parallel}$ † $0^+ f \| + \| \sqrt{2} kt$ , $2k^2t$ ${\stackrel{0^+}{\cdot}} f^{\perp} \dagger$

### $\sqrt{2} t_{\frac{1}{3}}$ ${\stackrel{1^{-}}{\cdot}}\mathcal{A}^{\parallel} \uparrow^{\alpha}$ 3 $\sqrt{2} t_{\frac{1}{3}}$ $0 \quad \frac{1}{3} i \sqrt{2} kt_{3}$ $^{1^{\text{-}}}_{\text{-}}\mathcal{F}^{\perp} \uparrow^{\alpha}$ $^{1}_{\bullet}f^{\parallel}\uparrow^{lpha}$ $\frac{2ikt_3}{3} - \frac{1}{3}i\sqrt{2}kt_3 = 0$ $f^{\perp}f^{\perp}$ $^{2^{+}}\mathcal{A}^{\parallel}_{\alpha\beta}$ $^{2^{+}}f^{\parallel}_{\alpha\beta}$ $^{2^{-}}\mathcal{A}^{\parallel}_{\alpha\beta\chi}$ $^{2^{+}}_{\bullet}\mathcal{R}^{\parallel}$ † $^{\alpha\beta}$ 0 0 $^{2^{+}}f^{\parallel}$ † $^{\alpha\beta}$ 0 ${}^{2^{-}}_{\bullet}\mathcal{A}^{\parallel}\uparrow^{lphaeta\chi}$ 0 0 **Saturated propagator** $\frac{1}{(1+2k^2)^2t} - \frac{k\sqrt{2}k}{(1+2k^2)^2t}$ $\frac{i \sqrt{2} k}{\left(1+2 k^2\right)^2 t} \frac{2 k^2}{\left(1+2 k^2\right)^2 t}$ ${\stackrel{0^+}{\scriptstyle{\scriptstyle\bullet}}} \tau^\perp \dagger$ 0 ${}^{0^{-}}\sigma^{\parallel}$ † $^{1^{+}}\sigma^{\parallel}_{\phantom{\parallel}\alpha\beta}$ $^{1^{+}}\sigma^{\perp}_{\alpha\underline{\beta}}$

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

0

3 √2  $(3+k^2)^2 t$ .

 $\frac{}{(3+k^2)^2 t_{\frac{1}{2}}}$ 

 $\frac{}{(3+k^2)^2 t} \frac{}{(3+k^2)^2 t}$ 

 $^{1}$   $^{-}$   $\sigma^{\perp}$   $_{\alpha}$ 

0

 $-\frac{1}{(3+2k^2)^2t}$ 

 $(3+2 k^2)^2 t$ 

 $3i\sqrt{2}k$ 

 $(3+2 k^2)^2 t$ 

0

6 i k

 $(3+2 k^2)^2 t$ .  $3i\sqrt{2}k$ 

 $(3+2k^2)^2t$ 

 $(3+2k^2)^2 t_3$ 

 $^{2^{+}}\sigma^{\parallel}$  †  $^{\alpha\beta}$  ${\stackrel{2^{\scriptscriptstyle +}}{\cdot}}{}_{\tau}{}^{\parallel} + {}^{\alpha\beta}$ 

 $^{2^{-}}\sigma^{\parallel}\uparrow^{lphaeta\chi}$ 

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

0

0

 $|\sigma^{-}_{\alpha}|_{\alpha}$ 

0

0

6

 $(3+2 k^2)^2 t$ 

6 i k

Source constraints

**PSALTer results panel** 

<sup>0⁻</sup>Æ<sup>||</sup>†

 $k^2 r \cdot + t \cdot 2$ 

 ${}^{1^{\scriptscriptstyle +}}_{\:\raisebox{1pt}{\text{\circle*{1.5}}}}\mathcal{R}^{\parallel} \uparrow^{\alpha\beta}$ 

 $^{1^{+}}_{\bullet}\mathcal{A}^{\perp}$   $^{\alpha\beta}$ 

 $f^{\dagger}f^{\dagger}$ 

 $\frac{1}{k^2}r_{\cdot}+t_{\cdot}$ 

 $^{1^{+}}\sigma^{\perp}\uparrow^{\alpha\beta}$ 

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

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

 $^{1}$   $\sigma^{\perp}$   $\dagger^{\alpha}$ 

 ${}^{1^{-}}\tau^{\parallel}\uparrow^{\alpha}$ 

 $^{1^{-}}\tau^{\perp}\dagger^{\alpha}$ 

 $\frac{3 \sqrt{2}}{(3+k^2)^2 t_{\frac{1}{2}}}$ 

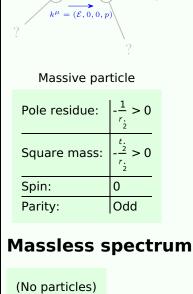
 $3i\sqrt{2}k$ 

 $(3+k^2)^2 t$ .

 $-\frac{1}{3} i \sqrt{2} kt_{\cdot} -\frac{1}{3} i kt_{\cdot}$ 

Spin-parity form	Covariant form	Multiplicities
$ \stackrel{\Theta^+}{\cdot} \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
$-ik \int_{\bullet}^{1-} d^{-\alpha} + \int_{\bullet}^{1-} \tau^{\perp} = 0$	$\partial_{\chi}\partial_{\beta}\partial^{\alpha}{}_{\tau}\left(\Delta+\mathcal{K}\right)^{\beta\chi} + \partial_{\delta}\partial^{\delta}\partial_{\chi}\partial_{\beta}\sigma^{\beta\alpha\chi} == \partial_{\chi}\partial^{\chi}\partial_{\beta\tau}\left(\Delta+\mathcal{K}\right)^{\alpha\beta} + \partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\alpha}\sigma^{\beta}{}_{\beta}{}^{\chi} + \partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\chi}\sigma^{\beta\alpha}{}_{\beta}$	3
1- <sub>t</sub>    <sup>α</sup> == 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
$\frac{1^{-} \sigma^{\parallel}^{\alpha} + 2 \cdot 1^{-} \sigma^{\perp}^{\alpha} == 0}{$	$\partial_{\chi}\partial^{\alpha}\sigma^{\beta}_{\ \beta}{}^{\chi} + \partial_{\chi}\partial^{\chi}\sigma^{\beta\alpha}_{\ \beta} == 3 \ \partial_{\chi}\partial_{\beta}\sigma^{\beta\alpha\chi}$	3
$i k \cdot 1^{+}_{\bullet} \sigma^{\parallel}^{\alpha\beta} + \cdot 1^{+}_{\bullet} \tau^{\parallel}^{\alpha\beta} == 0$	$\partial_{\chi}\partial^{\alpha}\tau\left(\Delta+\mathcal{K}\right)^{\beta\chi}+\partial_{\chi}\partial^{\beta}\tau\left(\Delta+\mathcal{K}\right)^{\chi\alpha}+\partial_{\chi}\partial^{\chi}\tau\left(\Delta+\mathcal{K}\right)^{\alpha\beta}+\partial_{\delta}\partial_{\chi}\partial^{\beta}\sigma^{\chi\alpha\delta}+\partial_{\delta}\partial^{\delta}\partial_{\chi}\sigma^{\alpha\beta\chi}==$	3
	$\partial_{\chi}\partial^{\alpha}\tau\left(\Delta+\mathcal{K}\right)^{\chi\beta}+\partial_{\chi}\partial^{\beta}\tau\left(\Delta+\mathcal{K}\right)^{\alpha\chi}+\partial_{\chi}\partial^{\chi}\tau\left(\Delta+\mathcal{K}\right)^{\beta\alpha}+\partial_{\delta}\partial_{\chi}\partial^{\alpha}\sigma^{\chi\beta\delta}+\partial_{\delta}\partial^{\delta}\partial_{\chi}\sigma^{\beta\alpha\chi}$	
$1^{+}_{\bullet}\sigma^{\parallel}^{\alpha\beta} = 1^{+}_{\bullet}\sigma^{\perp}^{\alpha\beta}$	$3  \partial_{\delta} \partial_{\chi} \partial^{\alpha} \sigma^{\chi \beta \delta} + \partial_{\delta} \partial^{\delta} \partial_{\chi} \sigma^{\beta \alpha \chi} + 2  \partial_{\delta} \partial^{\delta} \partial_{\chi} \sigma^{\chi \alpha \beta} = 3  \partial_{\delta} \partial_{\chi} \partial^{\beta} \sigma^{\chi \alpha \delta} + \partial_{\delta} \partial^{\delta} \partial_{\chi} \sigma^{\alpha \beta \chi}$	3
$\frac{2^{-}\sigma^{\parallel}{}^{\alpha\beta\chi}}{}==0$	$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} + 2 \ \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\beta} \sigma^{\delta \alpha \chi} + 2 \ \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\chi} \sigma^{\delta \alpha \delta} + 2 \ \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\chi} \sigma^{\delta \alpha \delta} + 2 \ \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\chi} \sigma^{\delta \alpha \delta} + 2 \ \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\chi} \sigma^{\delta \alpha \delta} + 2 \ \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\chi} \sigma^{\delta \alpha \delta} + 2 \ \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\chi} \sigma^{\delta \alpha \delta} + 2 \ \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\chi} \sigma^{\delta \alpha \delta} + 2 \ \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\chi} \sigma^{\delta \alpha \delta} + 2 \ \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\chi} \sigma^{\delta \alpha \delta} + 2 \ \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\chi} \sigma^{\delta \alpha \delta} + 2 \ \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\chi} \sigma^{\delta \alpha \delta} + 2 \ \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\chi} \sigma^{\delta \alpha \delta} + 2 \ \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\chi} \sigma^{\delta \alpha \delta} + 2 \ \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\chi} \sigma^{\delta \alpha \delta} + 2 \ \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\chi} \sigma^{\delta \alpha \delta} + 2 \ \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\chi} \sigma^{\delta \alpha \delta} + 2 \ \partial_{\epsilon} \partial^{\kappa} \partial^{\chi} \partial^{\chi} \sigma^{\delta \alpha \delta} + 2 \ \partial_{\epsilon} \partial^{\kappa} \partial^{\chi} \partial^{\chi} \sigma^{\delta \alpha \delta} + 2 \ \partial_{\epsilon} \partial^{\kappa} \partial^{\chi} \partial$	5
	$4  \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\chi} \sigma^{\delta \alpha \beta} + 2  \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\delta} \sigma^{\alpha \beta \chi} + 3  \eta^{\beta \chi}  \partial_{\phi} \partial^{\phi} \partial_{\epsilon} \partial^{\alpha} \sigma^{\delta}_{ \delta} + 3  \eta^{\alpha \chi}  \partial_{\phi} \partial^{\phi} \partial_{\epsilon} \partial_{\delta} \sigma^{\delta \beta \epsilon} + 3  \eta^{\beta \chi}  \partial_{\phi} \partial^{\phi} \partial_{\epsilon} \partial^{\epsilon} \sigma^{\delta \alpha}_{ \delta} = 0$	
	$ 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}_{       $	
$\frac{2^{+}_{\bullet} \tau^{\parallel} \alpha^{\beta}}{1} = 0$	$4  \partial_{\delta} \partial_{\chi} \partial^{\beta} \partial^{\alpha} \tau  (\Delta + \mathcal{K})^{\chi  \delta} + 2  \partial_{\delta} \partial^{\delta} \partial^{\beta} \partial^{\alpha} \tau  (\Delta + \mathcal{K})^{\chi}_{\chi} + 3  \partial_{\delta} \partial^{\delta} \partial_{\chi} \partial^{\chi} \tau  (\Delta + \mathcal{K})^{\alpha  \beta} +$	5
	$3 \partial_{\delta} \partial^{\delta} \partial_{\chi} \partial^{\chi}{}_{\tau} \left( \Delta + \mathcal{K} \right)^{\beta \alpha} + 2 \eta^{\alpha \beta} \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial_{\chi \tau} \left( \Delta + \mathcal{K} \right)^{\chi \delta} = 3 \partial_{\delta} \partial^{\delta} \partial_{\chi} \partial^{\alpha}{}_{\tau} \left( \Delta + \mathcal{K} \right)^{\beta \chi} +$	
	$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)^{\alpha \chi} + 3 \partial_{\delta} \partial^{\delta} \partial_{\chi} \partial^{\beta} \tau \left( \Delta + \mathcal{K} \right)^{\chi \alpha} + 2 \eta^{\alpha \beta} \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\delta} \tau \left( \Delta + \mathcal{K} \right)^{\chi} $	
$\frac{2^{+}\sigma^{\parallel}\alpha\beta}{}=0$	$3  \partial_{\delta} \partial_{\chi} \partial^{\alpha} \sigma^{\chi \beta \delta} + 3  \partial_{\delta} \partial_{\chi} \partial^{\beta} \sigma^{\chi \alpha \delta} + 2  \eta^{\alpha \beta}  \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \sigma^{\chi}_{\chi}^{\delta} = 2  \partial_{\delta} \partial^{\beta} \partial^{\alpha} \sigma^{\chi}_{\chi}^{\delta} + 3 \left( \partial_{\delta} \partial^{\delta} \partial_{\chi} \sigma^{\alpha \beta \chi} + \partial_{\delta} \partial^{\delta} \partial_{\chi} \sigma^{\beta \alpha \chi} \right)$	5
Total expected gauge generators:		32

## **Massive spectrum**



# **Unitarity conditions**

r. < 0 & t. > 0