$\mathcal{S} == \iiint (\mathcal{A}^{\alpha\beta\chi} \ \sigma_{\alpha\beta\chi} + f^{\alpha\beta} \ \tau(\Delta + \mathcal{K})_{\alpha\beta} +$ $\frac{1}{2}\,\lambda.\,(4\,\partial_{i}\mathcal{R}^{\alpha_{i}}_{\phantom{\alpha_{i}}}-4\,\,\mathcal{R}^{\phantom{\alpha_{i}}\theta}_{\alpha\phantom{\alpha_{i}}\theta\phantom{\alpha_{i}}\partial_{i}}f^{\alpha_{i}}+4\,\,\mathcal{R}^{\phantom{\alpha_{i}}\theta}_{\phantom{\alpha_{i}}\theta\phantom{\alpha_{i}}\partial^{i}}f^{\alpha}_{\phantom{\alpha_{i}}\alpha\phantom{\alpha_{i}}}-2\,\partial_{i}f^{\theta}_{\phantom{\alpha_{i}}\theta\phantom{\alpha_{i}}\partial^{i}}f^{\alpha}_{\phantom{\alpha_{i}}\alpha\phantom{\alpha_{i}}}-4\,\,f^{\alpha_{i}}\,\,(\partial_{i}\mathcal{R}^{\phantom{\alpha_{i}}\theta\phantom{\alpha_{i}}}_{\phantom{\alpha_{i}}\theta\phantom{\alpha_{i}}}-\partial_{\theta}\mathcal{R}^{\phantom{\alpha_{i}}\theta\phantom{\alpha_{i}}}_{\phantom{\alpha_{i}}\alpha\phantom{\alpha_{i}}}) 4\ f^\alpha_{\ \alpha}\ \partial_\theta \mathcal{R}^{i\theta}_{\ i} - 2\ \partial_i f^{\alpha i}\ \partial_\theta f^{\ \theta}_{\alpha} + 4\ \partial^i f^\alpha_{\ \alpha}\partial_\theta f^{\ \theta}_i + 4\ \mathcal{R}_{\alpha\theta i}\ \partial^\theta f^{\alpha i} - 2\ \partial_\alpha f_{i\theta}\partial^\theta f^{\alpha i} \partial_{\alpha}f_{\theta_{i}}\partial^{\theta}f^{\alpha_{i}}+\partial_{i}f_{\alpha\theta}\partial^{\theta}f^{\alpha_{i}}+\partial_{\theta}f_{\alpha_{i}}\partial^{\theta}f^{\alpha_{i}}+\partial_{\theta}f_{i\alpha}\partial^{\theta}f^{\alpha_{i}}))[t,\,x,\,y,\,z]\,dz\,dy\,dx\,dt$ **Wave operator**

0 $\left|\begin{smallmatrix}1^{+}\mathcal{A}^{\parallel}_{\alpha\beta}\end{smallmatrix}\right|^{1^{+}}\mathcal{A}^{\perp}_{\alpha\beta}\stackrel{1^{+}}{f}^{\parallel}_{\alpha\beta}\stackrel{1}{f}^{\parallel}_{\alpha}\stackrel{1}{f}^{\parallel}_{\alpha}\stackrel{1}{f}^{\parallel}_{\alpha}\stackrel{1}{f}^{\parallel}_{\alpha}\stackrel{1}{f}^{\perp}_{\alpha}$ $1^{+}\mathcal{A}^{\parallel} + \alpha^{\beta} \qquad 0 \qquad 0 \qquad 0 \qquad 0 \qquad 0$

Multiplicities

$0.+f_{\perp}+0000$ $0.-\mathcal{R}_{\parallel}+000$

PSALTer results panel

. 0 ()		•	ŭ	•	•	•	·			
$\overset{1,^{+}}{\cdot}f^{\parallel} \uparrow^{\alpha\beta}$	0	0	0	0	0	0	0			
$^{1}\mathcal{H}^{\parallel}$ † lpha	0	0	0	0	0	0	0			
$^{1}\mathcal{H}^{\perp}\dagger^{\alpha}$	0	0	0	0	0	0	0			
$\frac{1}{2}f^{\parallel}\uparrow^{\alpha}$	0	0	0	0	0	0	0			
1 $f^{\scriptscriptstyle \perp}$ \dagger^{α}	0	0	0	0	0	0	0	$^{2^{+}}\mathcal{H}^{\parallel}{}_{lphaeta}$	$2.^+f^{\parallel}_{\alpha\beta}$	$^{2}\mathcal{A}^{\parallel}_{\alpha\beta\chi}$
							$^{2\overset{+}{.}}\mathcal{A}^{\parallel}\dagger^{^{lphaeta}}$	0	0	0
							$^{2^{+}}f^{\parallel}\dagger^{\alpha\beta}$	0	$k^2 \lambda$.	0
							$\mathcal{F}^{\mathcal{F}}\mathcal{H}^{\parallel} \uparrow^{\alpha\beta\chi}$	0	0	0
Saturated propagator										
$0^+\sigma^{\parallel}$ $0^+\tau^{\parallel}$ $0^+\tau^{\perp}$ 0 σ^{\parallel}										
$0.7 \sigma^{\parallel} + 0 0 0 0$										
$0.7 \tau + 0 -\frac{1}{2 k^2 \lambda} 0 0$										

 $^{1^+}\mathcal{A}^{\scriptscriptstyle \perp}$ $^{\scriptscriptstyle \perp}$

<i>0</i> "	U	U	U	U	U	U	U				
$\overset{1^+}{\cdot}\sigma^{\scriptscriptstyle \perp}\dagger^{lphaeta}$	0	0	0	0	0	0	0				
$1.^{+} \tau^{\parallel} \uparrow^{lphaeta}$	0	0	0	0	0	0	0				
$\frac{1}{2}\sigma^{\parallel}\uparrow^{\alpha}$	0	0	0	0	0	0	0				
$\frac{1}{2}\sigma^{\perp}\uparrow^{\alpha}$	0	0	0	0	0	0	0				
$\frac{1}{2} \tau^{\parallel} + \alpha$	0	0	0	0	0	0	0				
1 . τ [⊥] † α	0	0	0	0	0	0	0	$^{2.^{+}}\sigma^{\parallel}_{\alpha\mu}$	$_{3}$ $^{2^{+}}\tau^{\parallel}_{\alpha\beta}$	$\frac{2}{3}\sigma^{\parallel}_{\alpha\beta\chi}$	
							$^{2.^{+}}\sigma^{\parallel}$ †	0	0	0	
							$2^+_{\cdot} \tau^{\parallel} \uparrow^{\alpha\beta}$	0	$\frac{1}{k^2 \lambda}$	0	
							$2^{-}\sigma^{\parallel} + \alpha^{\alpha\beta\chi}$	0	0	0	
Source constraints											

Spin-parity form Covariant form

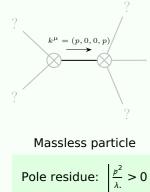
0- σ == 0	$\epsilon \eta_{\alpha\beta\chi\delta} \partial^{\delta} \sigma^{\alpha\beta\chi} == 0$	1
$0.^+\tau^{\perp}==0$	$\partial_{\beta}\partial_{\alpha}\tau \left(\Delta + \mathcal{K}\right)^{\alpha\beta} == 0$	1
$0^+ \sigma^{\parallel} == 0$	$\partial_{\beta}\sigma^{\alpha}_{\alpha}{}^{\beta} == 0$	1
1. T. a == 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
$1 r \alpha = 0$	$\partial_{\chi}\partial_{\beta}\partial^{\alpha}\tau \left(\Delta + \mathcal{K}\right)^{\beta\chi} = \partial_{\chi}\partial^{\chi}\partial_{\beta}\tau \left(\Delta + \mathcal{K}\right)^{\beta\alpha}$	3
1. σ ¹ == 0	$\partial_{\chi}\partial_{\beta}\sigma^{\beta\alpha\chi}==0$	3
1. σ α == 0	$\partial_{\delta}\partial^{\alpha}\sigma_{\chi}^{\chi}{}^{\delta} + \partial_{\delta}\partial^{\delta}\sigma_{\chi}^{\alpha}{}_{\chi} == \partial_{\delta}\partial_{\chi}\sigma_{\chi}^{\alpha\delta}$	3
$\frac{1^+_{\cdot} \tau^{\parallel^{\alpha\beta}} == 0}$	$\partial_{\chi}\partial^{\alpha}\tau\left(\Delta+\mathcal{K}\right)^{\beta\chi}+\partial_{\chi}\partial^{\beta}\tau\left(\Delta+\mathcal{K}\right)^{\chi\alpha}+\partial_{\chi}\partial^{\chi}\tau\left(\Delta+\mathcal{K}\right)^{\alpha\beta}==$	3
	$\partial_{\chi}\partial^{\alpha}\tau(\Delta+\mathcal{K})^{\chi\beta} + \partial_{\chi}\partial^{\beta}\tau(\Delta+\mathcal{K})^{\alpha\chi} + \partial_{\chi}\partial^{\chi}\tau(\Delta+\mathcal{K})^{\beta\alpha}$	
$1^+ \sigma^{\perp}^{\alpha\beta} == 0$	$\partial_{\delta}\partial_{\chi}\partial^{\alpha}\sigma^{\chi\beta\delta} + \partial_{\delta}\partial^{\delta}\partial_{\chi}\sigma^{\chi\alpha\beta} == \partial_{\delta}\partial_{\chi}\partial^{\beta}\sigma^{\chi\alpha\delta}$	3
$\frac{1^+ \sigma^{\parallel^{\alpha\beta}}}{} == 0$	$\partial_{\delta}\partial_{\chi}\partial^{\alpha}\sigma^{\chi\beta\delta} + \partial_{\delta}\partial^{\delta}\partial_{\chi}\sigma^{\beta\alpha\chi} == \partial_{\delta}\partial_{\chi}\partial^{\beta}\sigma^{\chi\alpha\delta} + \partial_{\delta}\partial^{\delta}\partial_{\chi}\sigma^{\alpha\beta\chi}$	3
$2^{-}\sigma^{\parallel^{\alpha\beta\chi}}=0$	$3 \partial_{\epsilon} \partial_{\delta} \partial^{\chi} \partial^{\alpha} \sigma^{\delta \beta \epsilon} + 3 \partial_{\epsilon} \partial^{\epsilon} \partial^{\chi} \partial^{\alpha} \sigma^{\delta \beta}{}_{\delta} + 2 \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\beta} \sigma^{\alpha \chi \delta} + 4 \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\beta} \sigma^{\chi \alpha \delta} +$	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} = $	
	$3 \partial_{\epsilon} \partial_{\delta} \partial^{\chi} \partial^{\beta} \sigma^{\delta \alpha \epsilon} + 3 \partial_{\epsilon} \partial^{\epsilon} \partial^{\chi} \partial^{\beta} \sigma^{\delta \alpha}_{ \delta} + 2 \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\alpha} \sigma^{\beta \chi \delta} + 4 \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\alpha} \sigma^{\chi \beta \delta} +$	
	$2 \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\alpha} \sigma^{\delta \beta \chi} + 2 \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\chi} \sigma^{\alpha \beta \delta} + 2 \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\delta} \sigma^{\beta \alpha \chi} + 4 \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\delta} \sigma^{\chi \alpha \beta} +$	
	$3 \eta^{\alpha\chi} \partial_{\phi} \partial^{\phi} \partial_{\epsilon} \partial^{\beta} \sigma^{\delta}_{\delta} {}^{\epsilon} + 3 \eta^{\beta\chi} \partial_{\phi} \partial^{\phi} \partial_{\epsilon} \partial_{\delta} \sigma^{\delta\alpha\epsilon} + 3 \eta^{\alpha\chi} \partial_{\phi} \partial^{\phi} \partial_{\epsilon} \partial^{\epsilon} \sigma^{\delta\beta}_{\delta}$	
$2^+_{\cdot}\sigma^{\parallel^{\alpha\beta}}=0$	$3 \partial_{\delta} \partial_{\chi} \partial^{\alpha} \sigma^{\chi \beta \delta} + 3 \partial_{\delta} \partial_{\chi} \partial^{\beta} \sigma^{\chi \alpha \delta} + 2 \eta^{\alpha \beta} \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \sigma^{\chi}_{\chi}{}^{\delta} = =$	5
	$2\partial_{\delta}\partial^{\beta}\partial^{\alpha}\sigma_{\chi}^{\chi\delta} + 3(\partial_{\delta}\partial^{\delta}\partial_{\chi}\sigma^{\alpha\beta\chi} + \partial_{\delta}\partial^{\delta}\partial_{\chi}\sigma^{\beta\alpha\chi})$	

Massive spectrum

Total expected gauge generators:

Massless spectrum

(No particles)



 λ . > 0

Polarisations: 2

Unitarity conditions