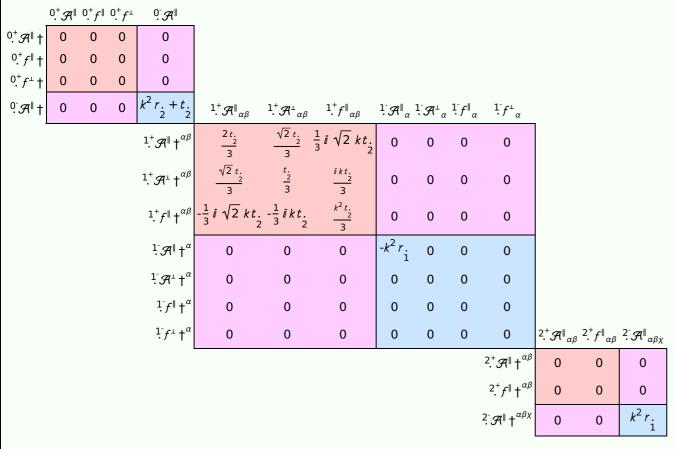
PSALTer results panel $\iiint \int (\frac{1}{6} \left(6 \,\,\mathcal{R}^{\alpha\beta\chi} \,\,\sigma_{\alpha\beta\chi} + 6 \,\,f^{\alpha\beta} \,\,\tau \left(\Delta + \mathcal{K}\right)_{\alpha\beta} - 12 \,r_{1} \,\partial_{\beta}\mathcal{R}^{\,\,\theta}_{\,\,\theta} \,\partial^{i}\mathcal{R}^{\,\,\alpha\beta}_{\,\,\alpha} + 12 \,r_{1} \,\partial_{\alpha}\mathcal{R}^{\,\,\alpha\beta}_{\,\,\alpha} \,\partial_{\theta}\mathcal{R}^{\,\,\theta}_{\,\,\beta} - 24 \,r_{1} \,\partial^{i}\mathcal{R}^{\,\,\alpha\beta}_{\,\,\alpha} \,\partial_{\theta}\mathcal{R}^{\,\,\theta}_{\,\,\beta} + 24 \,r_{1} \,\partial^{i}\mathcal{R}^{\,\,\alpha\beta}_{\,\,\alpha} \,\partial_{\theta}\mathcal{R}^{\,\,\theta}_{\,\,\beta} + 24 \,r_{1} \,\partial_{\alpha}\mathcal{R}^{\,\,\alpha\beta}_{\,\,\alpha} \,\partial_{\theta}\mathcal{R}^{\,\,\theta}_{\,\,\beta} - 8 \,r_{1} \,\partial_{\beta}\mathcal{R}_{\,\alpha\beta}_{\,\,\alpha\beta} \,\partial^{\theta}\mathcal{R}^{\,\,\alpha\beta}_{\,\,\alpha\beta} + 8 \,r_{2} \,r_{2} \,\partial_{\alpha}\mathcal{R}^{\,\,\alpha\beta}_{\,\,\alpha\beta} + 12 \,r_{2} \,\partial_{\alpha}\mathcal{R}^{\,\,\alpha\beta}_{\,\,\alpha\beta} \,\partial_{\theta}\mathcal{R}^{\,\,\theta}_{\,\,\beta} - 12 \,r_{2} \,\partial_{\alpha}\mathcal{R}^{\,\,\alpha\beta}_{\,\,\alpha\beta} \,\partial_{\theta}\mathcal{R}^{\,\,\theta}_{\,\,\beta} + 24 \,r_{2} \,\partial_{\alpha}\mathcal{R}^{\,\,\alpha\beta}_{\,\,\alpha\beta} \,\partial_{\theta}\mathcal{R}^{\,\,\theta}_{\,\,\alpha\beta} + 12 \,r_{2} \,\partial_{\alpha}\mathcal{R}^{\,\,\alpha\beta}_{\,\,\alpha\beta} + 12 \,r_{2} \,\partial_{\alpha}\mathcal{R$ $\partial_{\beta}\mathcal{A}_{\alpha_{i}\theta}\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}} + 4r\underset{1}{\cdot}\partial_{\beta}\mathcal{A}_{\alpha\theta_{i}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}} - 4r\underset{2}{\cdot}\partial_{\beta}\mathcal{A}_{\alpha\theta_{i}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}} - 16r\underset{1}{\cdot}\partial_{\beta}\mathcal{A}_{,\theta\alpha}\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}} + 4r\underset{2}{\cdot}\partial_{\beta}\mathcal{A}_{,\theta\alpha}\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}} - 4r\underset{1}{\cdot}\partial_{\beta}\mathcal{A}_{\alpha\beta\theta}\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}} - 4r\underset{2}{\cdot}\partial_{\beta}\mathcal{A}_{\alpha\beta\theta}\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}} - 4r\underset{2}{\cdot}\partial_{\beta}\mathcal{A}_{\alpha\beta\theta}\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}} - 4r\underset{2}{\cdot}\partial_{\beta}\mathcal{R}_{\alpha\beta\theta}\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}} - 4r\underset{2}{\cdot}\partial_{\beta}\mathcal{R}_{\alpha\beta_{i}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}} - 4r\underset{2}{\cdot}\partial_{\beta}\mathcal{R}^{\alpha\beta_{i}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{i}} - 4r\underset{2}$

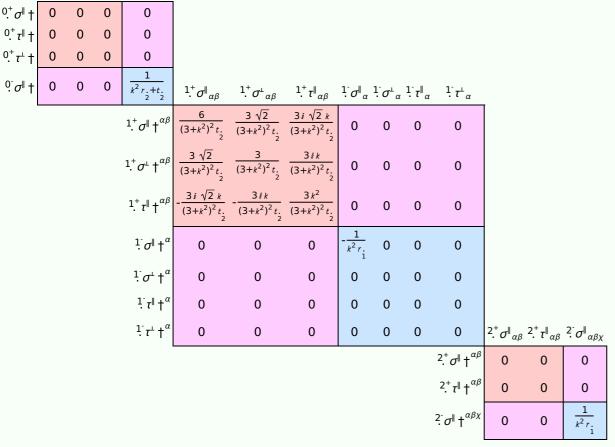
 $2r_{.2}\partial_{i}\mathcal{A}_{\alpha\beta\theta}\partial^{\theta}\mathcal{A}^{\alpha\beta\prime} + 4r_{.1}\partial_{\theta}\mathcal{A}_{\alpha\beta\prime}\partial^{\theta}\mathcal{A}^{\alpha\beta\prime} + 2r_{.2}\partial_{\theta}\mathcal{A}_{\alpha\beta\prime}\partial^{\theta}\mathcal{A}^{\alpha\beta\prime} + 4r_{.1}\partial_{\theta}\mathcal{A}_{\alpha\prime\beta}\partial^{\theta}\mathcal{A}^{\alpha\beta\prime} - 4r_{.2}\partial_{\theta}\mathcal{A}_{\alpha\prime\beta}\partial^{\theta}\mathcal{A}^{\alpha\beta\prime} + 4t_{.2}\mathcal{A}_{\beta\beta}\partial^{\theta}\mathcal{A}^{\alpha\beta\prime} + 2t_{.2}\partial_{\alpha}f_{\beta\beta}\partial^{\theta}\mathcal{A}^{\alpha\beta\prime} - 4r_{.2}\partial_{\alpha}\mathcal{A}_{\beta\beta}\partial^{\beta}\mathcal{A}^{\alpha\beta\prime} + 4r_{.2}\partial_{\alpha}\mathcal{A}_{\beta\beta}\partial^{\beta}\mathcal{A}^{\beta}\mathcal{A}^{\beta}\mathcal{A}^{\beta}\mathcal{A}^{\beta}\mathcal{A}^{\beta}\mathcal{A}^{\beta}\mathcal{A}^{\beta}\mathcal{A}^{\beta}\mathcal{A}^{\beta$

 $\underbrace{t.\,\partial_{\alpha}f_{\,_{\theta_{i}}}\partial^{\theta}f^{\alpha_{i}}}_{2} - \underbrace{t.\,\partial_{i}f_{\,_{\alpha\theta}}\partial^{\theta}f^{\alpha_{i}}}_{2} + \underbrace{t.\,\partial_{\theta}f_{\,_{\alpha_{i}}}\partial^{\theta}f^{\alpha_{i}}}_{2} - \underbrace{t.\,\partial_{\theta}f_{\,_{i\alpha}}\partial^{\theta}f^{\alpha_{i}}}_{2} - \underbrace{t.\,\partial_{\alpha}f_{\,_{i\alpha}}\partial^{\theta}f^{\alpha_{i}}}_{2} - \underbrace{t.\,\partial_{\alpha}f_{\,_{i\alpha}}\partial^{\theta}f^{\alpha_{i}}}_{2} + \underbrace{t.\,\partial_{\alpha}f_{\,_{i\alpha}}\partial^{\theta}f^{\alpha_{i\alpha}}}_{2} + \underbrace{t.\,\partial_{\alpha}f_$

Wave operator

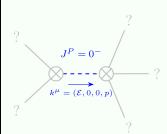


Saturated propagator



Spin-parity form	Covariant form	Multiplicities
0. ⁺ τ [⊥] == 0	$\partial_{\beta}\partial_{\alpha}\tau\left(\Delta+\mathcal{K}\right)^{\alpha\beta}==0$	1
0^+ $\tau^{\parallel} == 0$	$\partial_{\beta}\partial_{\alpha}\tau \left(\Delta + \mathcal{K}\right)^{\alpha\beta} == \partial_{\beta}\partial^{\beta}\tau \left(\Delta + \mathcal{K}\right)^{\alpha}_{\ \alpha}$	1
$\sigma^{+} = 0$	$\partial_{\beta}\sigma_{\alpha}^{\alpha\beta} = 0$	1
$1 \cdot \tau^{\perp \alpha} == 0$	$\partial_{\chi}\partial_{\beta}\partial^{\alpha}\tau \left(\Delta + \mathcal{K}\right)^{\beta\chi} == \partial_{\chi}\partial^{\chi}\partial_{\beta}\tau \left(\Delta + \mathcal{K}\right)^{\alpha\beta}$	3
$\frac{1}{2} \tau^{\parallel^{\alpha}} == 0$	$\partial_{\chi}\partial_{\beta}\partial^{\alpha}\tau \left(\Delta + \mathcal{K}\right)^{\beta\chi} = \partial_{\chi}\partial^{\chi}\partial_{\beta}\tau \left(\Delta + \mathcal{K}\right)^{\beta\alpha}$	3
$1 \cdot \sigma^{\perp \alpha} == 0$	$\partial_{\chi}\partial_{\beta}\sigma^{\beta\alpha\chi} == 0$	3
$\overline{i k 1^+_{\cdot \sigma} ^{\alpha \beta} + 1^+_{\cdot \tau} ^{\alpha \beta}} == 0$	$\partial_{\chi}\partial^{\alpha}\tau\left(\Delta+\mathcal{K}\right)^{\beta\chi} + \partial_{\chi}\partial^{\beta}\tau\left(\Delta+\mathcal{K}\right)^{\chi\alpha} + \partial_{\chi}\partial^{\chi}\tau\left(\Delta+\mathcal{K}\right)^{\alpha\beta} + \partial_{\delta}\partial_{\chi}\partial^{\beta}\sigma^{\chi\alpha\delta} + \partial_{\delta}\partial^{\delta}\partial_{\chi}\sigma^{\alpha\beta\chi} = = \partial_{\chi}\partial^{\alpha}\tau\left(\Delta+\mathcal{K}\right)^{\chi\beta} + \partial_{\chi}\partial^{\beta}\tau\left(\Delta+\mathcal{K}\right)^{\alpha\chi} + \partial_{\chi}\partial^{\chi}\tau\left(\Delta+\mathcal{K}\right)^{\beta\alpha} + \partial_{\delta}\partial_{\chi}\partial^{\alpha}\sigma^{\chi\beta\delta} + \partial_{\delta}\partial^{\delta}\partial_{\chi}\sigma^{\beta\alpha\chi} = = \partial_{\chi}\partial^{\alpha}\tau\left(\Delta+\mathcal{K}\right)^{\chi\beta} + \partial_{\chi}\partial^{\beta}\tau\left(\Delta+\mathcal{K}\right)^{\alpha\chi} + \partial_{\chi}\partial^{\chi}\tau\left(\Delta+\mathcal{K}\right)^{\alpha\chi} + \partial_{\chi}\partial^{\chi}\tau\left(\Delta+\mathcal{K}\right)^{\chi} + \partial_{\chi}\partial^{\chi}\tau\left(\Delta+\mathcal{K}\right)^{\chi} + \partial_{\chi}\partial^{\chi}\tau\left(\Delta+\mathcal{K}\right)^{\chi} + \partial_{\chi}\partial^{\chi}\tau\left(\Delta+\mathcal{K}\right)^{\chi} + \partial$	3
$1^+ \sigma^{\parallel}{}^{\alpha\beta} = 1^+ \sigma^{\perp}{}^{\alpha\beta}$	$3\partial_{\delta}\partial_{\chi}\partial^{\alpha}\sigma^{\chi\beta\delta} + \partial_{\delta}\partial^{\delta}\partial_{\chi}\sigma^{\beta\alpha\chi} + 2\partial_{\delta}\partial^{\delta}\partial_{\chi}\sigma^{\chi\alpha\beta} == 3\partial_{\delta}\partial_{\chi}\partial^{\beta}\sigma^{\chi\alpha\delta} + \partial_{\delta}\partial^{\delta}\partial_{\chi}\sigma^{\alpha\beta\chi}$	3
$2^+_{\cdot \tau} \parallel^{\alpha\beta} == 0$	$4 \partial_{\sigma} \partial_{\chi} \partial^{\beta} \partial^{\alpha} \tau (\Delta + \mathcal{K})^{\chi \delta} + 2 \partial_{\sigma} \partial^{\delta} \partial^{\beta} \partial^{\alpha} \tau (\Delta + \mathcal{K})^{\chi}_{\chi} + 3 \partial_{\sigma} \partial^{\delta} \partial_{\chi} \partial^{\chi} \tau (\Delta + \mathcal{K})^{\alpha \beta} + 3 \partial_{\sigma} \partial^{\delta} \partial_{\chi} \partial^{\chi} \tau (\Delta + \mathcal{K})^{\beta \alpha} + 2 \eta^{\alpha \beta} \partial_{\epsilon} \partial^{\epsilon} \partial_{\sigma} \partial_{\chi} \tau (\Delta + \mathcal{K})^{\chi \delta} = 0$	5
	$3 \partial_{\delta} \partial^{\delta} \partial_{\chi} \partial^{\alpha} \tau (\Delta + \mathcal{K})^{\beta \chi} + 3 \partial_{\delta} \partial^{\delta} \partial_{\chi} \partial^{\alpha} \tau (\Delta + \mathcal{K})^{\chi \beta} + 3 \partial_{\delta} \partial^{\delta} \partial_{\chi} \partial^{\beta} \tau (\Delta + \mathcal{K})^{\alpha \chi} + 3 \partial_{\delta} \partial^{\delta} \partial_{\chi} \partial^{\beta} \tau (\Delta + \mathcal{K})^{\chi \alpha} + 2 \eta^{\alpha \beta} \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\delta} \tau (\Delta + \mathcal{K})^{\chi}$	
$2^+\sigma^{\parallel^{\alpha\beta}}=0$	$3\partial_{\delta}\partial_{\chi}\partial^{\alpha}\sigma^{\chi\beta\delta} + 3\partial_{\delta}\partial_{\chi}\partial^{\beta}\sigma^{\chi\alpha\delta} + 2\eta^{\alpha\beta}\partial_{\epsilon}\partial^{\epsilon}\partial_{\delta}\sigma^{\chi}_{\chi}^{\ \delta} = 2\partial_{\delta}\partial^{\beta}\partial^{\alpha}\sigma^{\chi}_{\chi}^{\ \delta} + 3(\partial_{\delta}\partial^{\delta}\partial_{\chi}\sigma^{\alpha\beta\chi} + \partial_{\delta}\partial^{\delta}\partial_{\chi}\sigma^{\beta\alpha\chi})$	5
Total expected gauge generators:		28

Massive spectrum



Massive particle

Pole residue:	$-\frac{1}{r_{\cdot 2}} > 0$
Square mass:	$\frac{\frac{t}{2}}{\frac{r}{2}} > 0$
Spin:	0
Parity:	Odd

Massless spectrum

(No particles)

Unitarity conditions

r. < 0 &&t. > 0