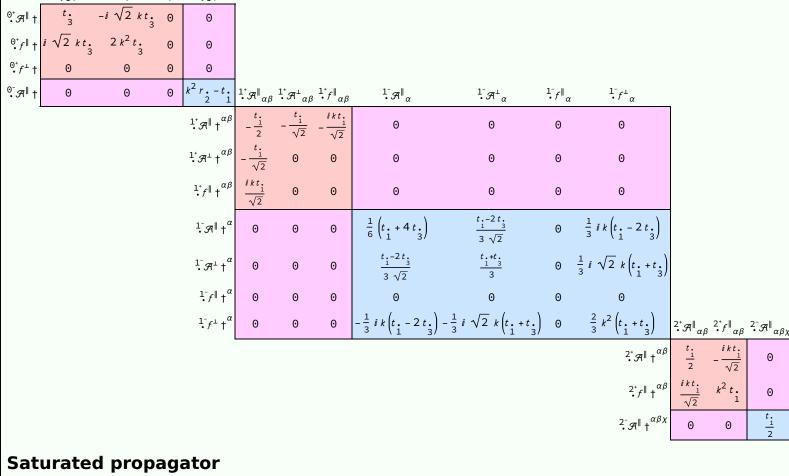
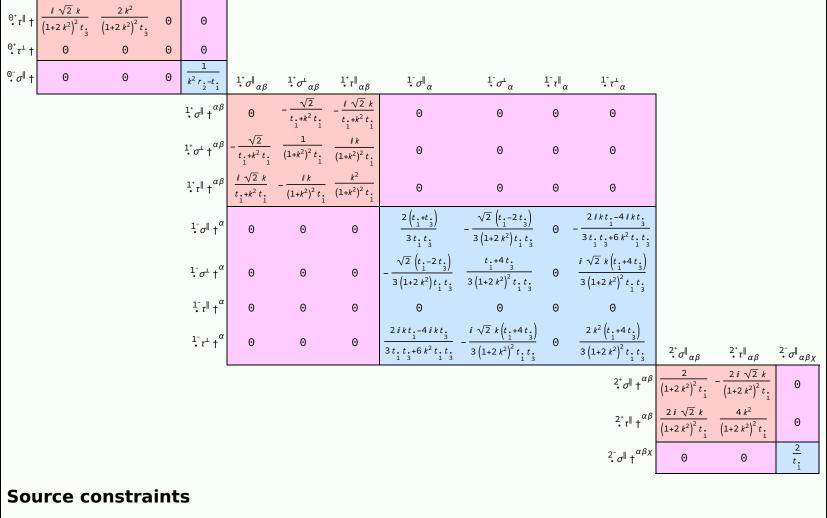
$\iiint \left(\frac{1}{6}\left(2\left(t_{1}-2\,t_{3}\right)\,\mathcal{A}^{\alpha\,\prime}_{\alpha}\,\,\mathcal{A}^{\theta}_{\alpha}+6\,\,\mathcal{A}^{\alpha\beta\chi}_{\alpha}\,\,\sigma_{\alpha\beta\chi}+6\,\,f^{\alpha\beta}_{\alpha}\,\,\tau\,(\Delta+\mathcal{K})_{\alpha\beta}-4\,t_{1}\,\,\mathcal{A}^{\theta}_{\alpha}\,\,\partial_{i}f^{\alpha\,\prime}_{}+8\,t_{3}\,\,\mathcal{A}^{\theta}_{\alpha}\,\,\partial_{i}f^{\alpha\,\prime}_{}+4\,t_{1}\,\,\mathcal{A}^{\theta}_{\alpha}\,\,\partial^{\prime}f^{\alpha}_{\alpha}-8\,t_{3}\,\,\mathcal{A}^{\theta}_{\alpha}\,\,\partial^{\prime}f^{\alpha}_{\alpha}-2\,t_{3}\,\,\mathcal{A}^{\theta}_{\alpha}\,\,\partial_{i}f^{\alpha\,\prime}_{\alpha}+4\,t_{4}\,t_{5}\,\,\mathcal{A}^{\theta}_{\alpha}\,\,\partial^{\prime}f^{\alpha}_{\alpha}-8\,t_{3}\,\,\mathcal{A}^{\theta}_{\alpha}\,\,\partial^{\prime}f^{\alpha}_{\alpha}-2\,t_{5}\,\mathcal{A}^{\theta}_{\alpha}\,\,\partial_{i}f^{\alpha\,\prime}_{\alpha}+4\,t_{5}\,\,\mathcal{A}^{\theta}_{\alpha}\,\,\partial_{i}f^{\alpha\,\prime}_{\alpha}+4\,t_{5}\,\,\mathcal{A}^{\theta}_{\alpha}\,\,\partial_{i}f^{\alpha\,\prime}_{\alpha}-8\,t_{5}\,\,\mathcal{A}^{\theta}_{\alpha}\,\,\partial_{i}f^{\alpha\,\prime}_{\alpha}-2\,t_{5}\,\mathcal{A}^{\theta}_{\alpha}\,\,\partial_{i}f^{\alpha\,\prime}_{\alpha}+4\,t_{5}\,\,\mathcal{A}^{\theta}_{\alpha}\,\,\partial_{i}f^{\alpha\,\prime}_{\alpha}-8\,t_{5}\,\mathcal{A}^{\theta}_{\alpha}\,\,\partial_{i}f^{\alpha\,\prime}_{\alpha}-2\,t_{5}\,\mathcal{A}^{\theta}_{\alpha}\,\,\partial_{i}f^{\alpha\,\prime}_{\alpha}+4\,t_{5}\,\mathcal{A}^{\theta}_{\alpha}\,\,\partial_{i}f^{\alpha\,\prime}_{\alpha}-8\,t_{5}\,\mathcal{A}^{\theta}_{\alpha}\,\,\partial_{i}f^{\alpha\,\prime}_{\alpha}-2\,t_{5}\,\mathcal{A}^{\theta}_{\alpha}\,\,\partial_{i}f^{\alpha\,\prime}_{\alpha}+4\,t_{5}\,\mathcal{A}^{\theta}_{\alpha}\,\,\partial_{i}f^{\alpha\,\prime}_{\alpha}-8\,t_{5}\,\mathcal{A}^{\theta}_{\alpha}\,\,\partial_{i}f^{\alpha\,\prime}_{\alpha}-8\,t_{5}\,\mathcal{A}^{\theta}_{\alpha}\,\,\partial_{i}f^{\alpha\,\prime}_{\alpha}-2\,t_{5}\,\mathcal{A}^{\theta}_{\alpha}\,\,\partial_{i}f^{\alpha\,\prime}_{\alpha}-2\,t_{5}\,\mathcal{A}^{\theta}_{\alpha}\,\,\partial_{i}f^{\alpha\,\prime}_{\alpha}-8\,t_{5}\,\mathcal{A}^{\theta}_{\alpha}\,\,\partial_{i}f^{\alpha\,\prime}_{\alpha}-2\,t_{5}\,\mathcal{A}^{\theta}_{\alpha}\,\,\partial_{i}f^{\alpha\,\prime}_{\alpha}-2\,t_{5}\,\mathcal{A}^{\alpha}_{\alpha}\,\,\partial_{i}f^{\alpha\,\prime}_{\alpha}-2\,t_{5}\,\mathcal{A}^{\alpha}_{\alpha}\,\,\partial_{i}f^{\alpha\,\prime}_{\alpha}-2\,t_{5}\,\mathcal{A}^{\alpha}_{\alpha}-2\,t_{5}\,\mathcal{A}^{\alpha}_{\alpha}-2\,t_{5}\,\mathcal{A}^{\alpha}_{\alpha}-2\,t_{5}\,\mathcal{A}^{\alpha}_{\alpha}-2\,t_{5}\,\mathcal{A}^{\alpha}_{\alpha}\,\,\partial_{i}f^{\alpha\,\prime}_{\alpha}-2\,t_{5}\,\mathcal{A}^{\alpha}_{\alpha}-2\,t_{5}\,\mathcal{A}^{\alpha}_{\alpha}-2\,t_{5}\,\mathcal{A}^{\alpha}_{\alpha}-2\,t_{5}\,\mathcal{A}^{\alpha}_{\alpha}-2\,t_{5}\,\mathcal{A}^{\alpha}_{\phantom{\alpha\,$ $t. \frac{\partial_{i} f^{\theta}}{\partial t^{\alpha}} \frac{\partial^{i} f^{\alpha}}{\partial t^{\alpha}} + 4 t. \frac{\partial_{i} f^{\theta}}{\partial t^{\alpha}} \frac{\partial^{i} f^{\alpha}}{\partial t^{\alpha}} - 2 t. \frac{\partial_{i} f^{\alpha i}}{\partial \theta^{\beta}} \frac{\partial_{i}$ $4r_{2}^{-}\partial_{\beta}\mathcal{R}_{\alpha\theta_{1}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{1}} + 4r_{2}^{-}\partial_{\beta}\mathcal{R}_{\beta\theta_{1}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{1}} - 2r_{2}^{-}\partial_{\beta}\mathcal{R}_{\alpha\beta\theta_{2}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{1}} + 2r_{2}^{-}\partial_{\theta}\mathcal{R}_{\alpha\beta_{1}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{1}} - 4r_{2}^{-}\partial_{\theta}\mathcal{R}_{\alpha\beta_{1}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{1}} - 6t_{2}^{-}\partial_{\alpha}f_{\beta\theta_{2}}\partial^{\theta}f_{2}^{\alpha\beta_{1}} - 6t_{2}^{-}\partial_{\beta}f_{2}^{\alpha\beta_{1}}\partial^{\theta}f_{2}^{\alpha\beta_{1}} - 6t_{2}^{-}\partial_{\beta}f_{2}^{\alpha\beta_{1}}\partial^{\theta}f_{2}^{\alpha\beta_{1}}\partial^{\theta}f_{2}^{\alpha\beta_{1}} - 6t_{2}^{-}\partial_{\beta}f_{2}^{\alpha\beta_{1}}\partial^{\theta}f_{2}^{\alpha\beta_{1}}\partial^{\theta}f_{2}^{\alpha\beta_{1}} - 6t_{2}^{-}\partial_{\beta}f_{2}^{\alpha\beta_{1}}\partial^{\theta}f_{2}^{\alpha\beta$ $3\,t_{1}\,\partial_{\alpha}f_{\,\,\theta\,\,i}\,\partial^{\theta}f^{\,\,\alpha\,\,i}\,+\,3\,t_{1}\,\partial_{i}f_{\,\,\alpha\theta}\,\partial^{\theta}f^{\,\,\alpha\,\,i}\,+\,3\,t_{1}\,\partial_{\theta}f_{\,\,\alpha\,\,i}\,\partial^{\theta}f^{\,\,\alpha\,\,i}\,+\,3\,t_{1}\,\partial_{\theta}f_{\,\,\alpha\,\,i}\,\partial^{\theta}f^{\,\,\alpha\,\,i}\,+\,6\,t_{1}\,\,\mathcal{R}_{\,\alpha\,\theta\,\,i}\,\left(\,\mathcal{R}^{\,\,\alpha\,\,i\,\,\theta}\,+\,2\,\partial^{\theta}f^{\,\,\alpha\,\,i}\,\right)\right)\!\!\!\left]\!\!\left[t\,,\,\,x\,,\,\,y\,,\,\,z\right]\,dz\,dy\,dx\,dt$ Wave operator

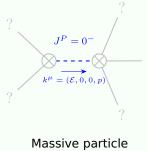
PSALTer results panel





Spin-parity form	Covariant form	Multiplicities
Θ⁺τ [⊥] == Θ	$\partial_{\beta}\partial_{\alpha\tau}\left(\Delta+\mathcal{K}\right)^{\alpha\beta}=0$	1
$-2 i k \cdot 0^+ \sigma^{\parallel} + 0^+ \tau^{\parallel} == 0$	$\partial_{\beta}\partial_{\alpha}\tau \left(\Delta + \mathcal{K}\right)^{\alpha\beta} = \partial_{\beta}\partial^{\beta}\tau \left(\Delta + \mathcal{K}\right)^{\alpha}_{\alpha} + 2 \partial_{\chi}\partial^{\chi}\partial_{\beta}\sigma^{\alpha}_{\alpha}^{\beta}$	1
$2 i k \frac{1}{\cdot} \sigma^{\perp}^{\alpha} + \frac{1}{\cdot} \tau^{\perp}^{\alpha} == 0$	$\partial_{\chi}\partial_{\beta}\partial^{\alpha}{}_{\tau}\left(\Delta+\mathcal{K}\right)^{\beta\chi} = \partial_{\chi}\partial^{\chi}\partial_{\beta\tau}\left(\Delta+\mathcal{K}\right)^{\alpha\beta} + 2\partial_{\delta}\partial^{\delta}\partial_{\chi}\partial_{\beta}\sigma^{\beta\alpha\chi}$	3
1 _• _τ ^α == 0	$\partial_{\chi}\partial_{\beta}\partial^{\alpha}_{\tau}\left(\Delta+\mathcal{K}\right)^{\beta\chi} = \partial_{\chi}\partial^{\chi}\partial_{\beta\tau}\left(\Delta+\mathcal{K}\right)^{\beta\alpha}$	3
$i k \frac{1}{\cdot} \sigma^{\perp} \alpha^{\beta} + \frac{1}{\cdot} \tau^{\parallel} \alpha^{\beta} = 0$	$\partial_{\chi}\partial^{\alpha}\tau\left(\Delta+\mathcal{K}\right)^{\beta\chi}+\partial_{\chi}\partial^{\beta}\tau\left(\Delta+\mathcal{K}\right)^{\chi\alpha}+\partial_{\chi}\partial^{\chi}\tau\left(\Delta+\mathcal{K}\right)^{\alpha\beta}+2\;\partial_{\delta}\partial_{\chi}\partial^{\alpha}\sigma^{\chi\beta\delta}+2\;\partial_{\delta}\partial^{\delta}\partial_{\chi}\sigma^{\chi\alpha\beta}==$	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 i k \stackrel{2^*}{\cdot}_{\sigma} \parallel^{\alpha \beta} + \stackrel{2^*}{\cdot}_{\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}_{\sigma} \partial^{\alpha}_{\tau} \left(\Delta + \mathcal{K} \right)^{\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} - 0 \right) \\ -i \left(4 \partial_{\sigma} \partial_{\chi} \partial^{\beta} \partial^{\alpha}_{\tau} \left(\Delta + \mathcal{K} \right)^{\chi \delta} + 2 \partial_{\sigma} \partial^{\delta} \partial^{\beta}_{\sigma} \partial^{\alpha}_{\tau} \left(\Delta + \mathcal{K} \right)^{\chi} - 3 \partial_{\sigma} \partial^{\delta} \partial_{\chi} \partial^{\alpha}_{\tau} \left(\Delta + \mathcal{K} \right)^{\chi \delta} \right) \\ -i \left(4 \partial_{\sigma} \partial_{\chi} \partial^{\beta} \partial^{\alpha}_{\tau} \left(\Delta + \mathcal{K} \right)^{\chi \delta} + 2 \partial_{\sigma} \partial^{\delta} \partial^{\beta}_{\sigma} \partial^{\alpha}_{\tau} \left(\Delta + \mathcal{K} \right)^{\chi \delta} \right) \\ -i \left(4 \partial_{\sigma} \partial_{\chi} \partial^{\beta} \partial^{\alpha}_{\tau} \left(\Delta + \mathcal{K} \right)^{\chi \delta} + 2 \partial_{\sigma} \partial^{\delta} \partial^{\beta}_{\sigma} \partial^{\alpha}_{\tau} \left(\Delta + \mathcal{K} \right)^{\chi \delta} \right) \\ -i \left(4 \partial_{\sigma} \partial_{\chi} \partial^{\beta} \partial^{\alpha}_{\tau} \left(\Delta + \mathcal{K} \right)^{\chi \delta} + 2 \partial_{\sigma} \partial^{\delta} \partial^{\alpha}_{\sigma} \partial^{\alpha}_{\tau} \left(\Delta + \mathcal{K} \right)^{\chi \delta} \right) \\ -i \left(4 \partial_{\sigma} \partial_{\chi} \partial^{\beta} \partial^{\alpha}_{\tau} \left(\Delta + \mathcal{K} \right)^{\chi \delta} + 2 \partial_{\sigma} \partial^{\delta} \partial^{\alpha}_{\tau} \partial^{\alpha}_{\tau} \left(\Delta + \mathcal{K} \right)^{\chi \delta} \right) \\ -i \left(4 \partial_{\sigma} \partial_{\chi} \partial^{\beta} \partial^{\alpha}_{\tau} \left(\Delta + \mathcal{K} \right)^{\chi \delta} + 2 \partial_{\sigma} \partial^{\delta} \partial^{\alpha}_{\tau} \partial^{\alpha}_{\tau} \left(\Delta + \mathcal{K} \right)^{\chi \delta} \right) \\ -i \left(4 \partial_{\sigma} \partial_{\chi} \partial^{\beta} \partial^{\alpha}_{\tau} \left(\Delta + \mathcal{K} \right)^{\chi \delta} + 2 \partial_{\sigma} \partial^{\beta} \partial^{\alpha}_{\tau} \partial^{\alpha}_{\tau} \left(\Delta + \mathcal{K} \right)^{\chi \delta} \right) \\ -i \left(4 \partial_{\sigma} \partial_{\chi} \partial^{\beta} \partial^{\alpha}_{\tau} \left(\Delta + \mathcal{K} \right)^{\chi \delta} + 2 \partial_{\sigma} \partial^{\beta} \partial^{\alpha}_{\tau} \partial^{\alpha}_{\tau} \left(\Delta + \mathcal{K} \right)^{\chi \delta} \right) \\ -i \left(4 \partial_{\sigma} \partial_{\chi} \partial^{\beta} \partial^{\alpha}_{\tau} \left(\Delta + \mathcal{K} \right)^{\chi \delta} + 2 \partial_{\sigma} \partial^{\beta} \partial^{\alpha}_{\tau} \partial^{\alpha}_{\tau} \left(\Delta + \mathcal{K} \right)^{\chi \delta} \right) \\ -i \left(4 \partial_{\sigma} \partial_{\chi} \partial^{\beta} \partial^{\alpha}_{\tau} \left(\Delta + \mathcal{K} \right)^{\chi \delta} \right) \\ -i \left(4 \partial_{\sigma} \partial_{\chi} \partial^{\beta} \partial^{\alpha}_{\tau} \left(\Delta + \mathcal{K} \right)^{\chi \delta} \right) \\ -i \left(4 \partial_{\sigma} \partial_{\chi} \partial^{\beta} \partial^{\alpha}_{\tau} \left(\Delta + \mathcal{K} \right)^{\chi \delta} \right) \\ +i \left(4 \partial_{\sigma} \partial_{\chi} \partial^{\beta} \partial^{\alpha}_{\tau} \left(\Delta + \mathcal{K} \right)^{\chi \delta} \right) \\ -i \left(4 \partial_{\sigma} \partial^{\alpha} \partial^{\alpha}_{\tau} \partial^{\alpha}_{$		
	$3\ \partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\beta}\tau\ (\Delta+\mathcal{K})^{\alpha\chi} - 3\ \partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\beta}\tau\ (\Delta+\mathcal{K})^{\chi\alpha} + 3\ \partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\chi}\tau\ (\Delta+\mathcal{K})^{\alpha\beta} + 3\ \partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\chi}\tau\ (\Delta+\mathcal{K})^{\beta\alpha} +$	
	$4 i k^{X} \partial_{\epsilon} \partial_{X} \partial^{\beta} \partial^{\alpha} \sigma^{\delta}_{\delta} - 6 i k^{X} \partial_{\epsilon} \partial_{\delta} \partial_{X} \partial^{\alpha} \sigma^{\delta \beta \epsilon} - 6 i k^{X} \partial_{\epsilon} \partial_{\delta} \partial_{X} \partial^{\beta} \sigma^{\delta \alpha \epsilon} + 6 i k^{X} \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial_{X} \sigma^{\alpha \beta \delta} +$	
	$6 i k^{\chi} \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial_{\chi} \sigma^{\beta \alpha \delta} + 2 \eta^{\alpha \beta} \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial_{\chi \tau} (\Delta + \mathcal{K})^{\chi \delta} - 2 \eta^{\alpha \beta} \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\delta}_{\tau} (\Delta + \mathcal{K})^{\chi}_{\chi} - 4 i \eta^{\alpha \beta} k^{\chi} \partial_{\phi} \partial^{\phi} \partial_{\epsilon} \partial_{\chi} \sigma^{\delta}_{\delta}^{\epsilon} = 0$	
Total expected gauge generators:		16

Massive spectrum



Pole residue: $\left| -\frac{1}{2} \right| > 0$

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

(No particles)

Unitarity conditions

r. < 0 & & t. < 0