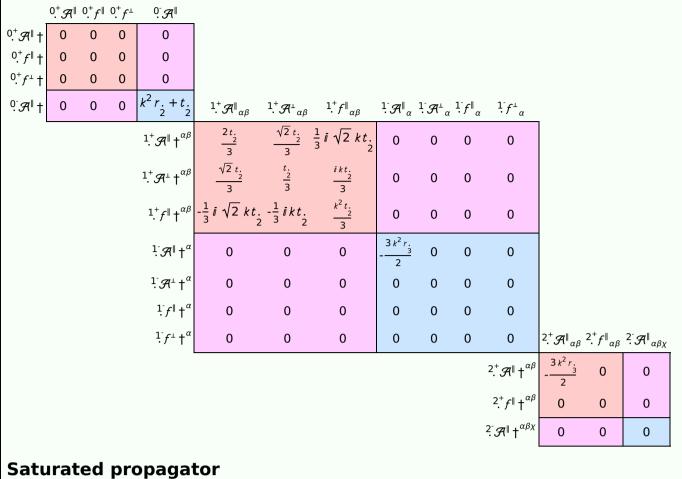
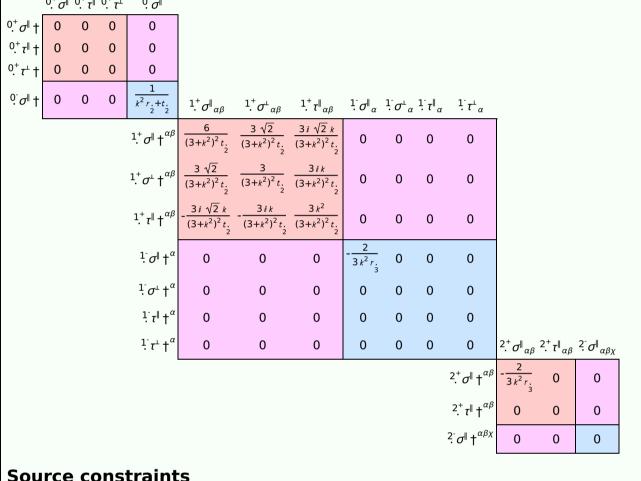
PSALTer results panel $S = \iiint (\frac{1}{6} (6 \,\mathcal{A}^{\alpha\beta\chi} \,\sigma_{\alpha\beta\chi} + 6 \,f^{\alpha\beta} \,\tau(\Delta + \mathcal{K})_{\alpha\beta} - 15 \,r_{3} \,\partial_{\beta}\mathcal{R}_{,\,\,\theta}^{\,\,\theta} \,\partial^{\prime}\mathcal{R}_{\,\,\alpha}^{\alpha\beta} + 9 \,r_{3} \,\partial_{\nu}\mathcal{R}_{\,\,\beta}^{\,\,\theta} \,\partial^{\prime}\mathcal{R}_{\,\,\alpha}^{\alpha\beta} + 9 \,r_{3} \,\partial_{\alpha}\mathcal{R}_{\,\,\alpha}^{\alpha\beta} \,\partial_{\theta}\mathcal{R}_{\,\,\beta}^{\,\,\theta} - 18 \,r_{3} \,\partial^{\prime}\mathcal{R}_{\,\,\alpha}^{\alpha\beta} \,\partial_{\theta}\mathcal{R}_{\,\,\beta}^{\,\,\theta} - 18 \,r_{3} \,\partial^{\prime}\mathcal{R}_{\,\,\alpha}^{\alpha\beta} \,\partial_{\theta}\mathcal{R}_{\,\,\beta}^{\,\,\theta} - 18 \,r_{3} \,\partial_{\nu}\mathcal{R}_{\,\,\alpha}^{\,\,\theta} \,\partial_{\nu}\mathcal{R}_{\,\,\beta}^{\,\,\theta} - 18 \,r_{3} \,\partial_{\nu}\mathcal{R}_{\,\,\alpha}^{\,\,\theta} \,\partial_{\nu}\mathcal{R}_{\,\,\beta}^{\,\,\theta} - 18 \,r_{3} \,\partial_{\nu}\mathcal{R}_{\,\,\alpha}^{\,\,\theta} \,\partial_{\nu}\mathcal{R}_{\,\,\beta}^{\,\,\theta} - 18 \,r_{3} \,\partial_{\nu}\mathcal{R}_{\,\,\alpha}^{\,\,\theta} \,\partial_{\nu}\mathcal{R}_{\,\,\alpha}^{\,\,\theta} - 18 \,r_{3} \,\partial_{\nu}\mathcal{R}_{\,\,\alpha}^{\,\,\theta} \,\partial_{\nu}\mathcal{R}$

Wave operator



Saturated propagato

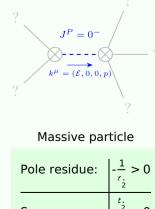


Spin-parity form	Covariant form	Multiplicities
$0^+_{\cdot}\tau^{\perp}==0$	$\partial_{\beta}\partial_{\alpha}\tau \left(\Delta + \mathcal{K}\right)^{\alpha\beta} == 0$	1
$0^+ \tau^{\parallel} == 0$	$\partial_{\beta}\partial_{\alpha}\tau \left(\Delta + \mathcal{K}\right)^{\alpha\beta} == \partial_{\beta}\partial^{\beta}\tau \left(\Delta + \mathcal{K}\right)^{\alpha}_{\alpha}$	1
$0^+ \sigma^{\parallel} == 0$	$\partial_{\beta}\sigma^{\alpha}_{\alpha}^{\beta} == 0$	1
$\frac{1}{\tau^{\perp}}^{\alpha} == 0$	$\partial_{\chi}\partial_{\beta}\partial^{\alpha}\tau\left(\Delta+\mathcal{K}\right)^{\beta\chi}==\partial_{\chi}\partial^{\chi}\partial_{\beta}\tau\left(\Delta+\mathcal{K}\right)^{\alpha\beta}$	3
$\frac{1}{\tau^{\parallel}}^{\alpha} == 0$	$\partial_{\chi}\partial_{\beta}\partial^{\alpha}\tau\left(\Delta+\mathcal{K}\right)^{\beta\chi}==\partial_{\chi}\partial^{\chi}\partial_{\beta}\tau\left(\Delta+\mathcal{K}\right)^{\beta\alpha}$	3
1. σ ^{μα} == 0	$\partial_{\chi}\partial_{\beta}\sigma^{\beta\alpha\chi}=0$	3
$\bar{i} k 1^+_{\cdot} \sigma^{\parallel^{\alpha\beta}} + 1^+_{\cdot} \tau^{\parallel^{\alpha\beta}} ==$	$0 \ \partial_{\chi} \partial^{\alpha} \tau \left(\Delta + \mathcal{K} \right)^{\beta \chi} + \partial_{\chi} \partial^{\beta} \tau \left(\Delta + \mathcal{K} \right)^{\chi \alpha} + \partial_{\chi} \partial^{\chi} \tau \left(\Delta + \mathcal{K} \right)^{\alpha \beta} + \partial_{\delta} \partial_{\chi} \partial^{\beta} \sigma^{\chi \alpha \delta} + \partial_{\delta} \partial^{\delta} \partial_{\chi} \sigma^{\alpha \beta \chi} = =$	3
	$\partial_{\chi}\partial^{\alpha}\tau(\Delta+\mathcal{K})^{\chi\beta} + \partial_{\chi}\partial^{\beta}\tau(\Delta+\mathcal{K})^{\alpha\chi} + \partial_{\chi}\partial^{\chi}\tau(\Delta+\mathcal{K})^{\beta\alpha} + \partial_{\delta}\partial_{\chi}\partial^{\alpha}\sigma^{\chi\beta\delta} + \partial_{\delta}\partial^{\delta}\partial_{\chi}\sigma^{\beta\alpha\chi}$	
$1^+_{\alpha\beta} = 1^+_{\alpha\beta} = 1^+_{\alpha\beta}$	$3\partial_{\delta}\partial_{\chi}\partial^{\alpha}\sigma^{\chi\beta\delta} + \partial_{\delta}\partial^{\delta}\partial_{\chi}\sigma^{\beta\alpha\chi} + 2\partial_{\delta}\partial^{\delta}\partial_{\chi}\sigma^{\chi\alpha\beta} = 3\partial_{\delta}\partial_{\chi}\partial^{\beta}\sigma^{\chi\alpha\delta} + \partial_{\delta}\partial^{\delta}\partial_{\chi}\sigma^{\alpha\beta\chi}$	3
$\frac{2 \sigma^{\parallel \alpha \beta \chi}}{2 \sigma^{\parallel \alpha \beta \chi}} == 0$	$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}_{ $	5
	$4\partial_{\epsilon}\partial^{\epsilon}\partial_{\delta}\partial^{\chi}\sigma^{\delta\alpha\beta} + 2\partial_{\epsilon}\partial^{\epsilon}\partial_{\delta}\partial^{\delta}\sigma^{\alpha\beta\chi} + 3\eta^{\beta\chi}\partial_{\phi}\partial^{\phi}\partial_{\epsilon}\partial^{\alpha}\sigma^{\delta}_{\delta}^{\epsilon} + 3\eta^{\alpha\chi}\partial_{\phi}\partial^{\phi}\partial_{\epsilon}\partial_{\delta}\sigma^{\delta\beta\epsilon} + 3\eta^{\beta\chi}\partial_{\phi}\partial^{\phi}\partial_{\epsilon}\partial^{\epsilon}\sigma^{\delta\alpha}_{\delta} = =$	
	$3 \partial_{\epsilon} \partial_{\delta} \partial^{\chi} \partial^{\beta} \sigma^{\delta \alpha \epsilon} + 3 \partial_{\epsilon} \partial^{\epsilon} \partial^{\chi} \partial^{\beta} \sigma^{\delta \alpha}_{ \delta} + 2 \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\alpha} \sigma^{\beta \chi \delta} + 4 \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\alpha} \sigma^{\chi \beta \delta} + 2 \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\alpha} \sigma^{\delta \beta \chi} + 2 \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\chi} \sigma^{\alpha \beta \delta} +$	
	$2\partial_{\epsilon}\partial^{\epsilon}\partial_{\delta}\partial^{\delta}\sigma^{\beta\alpha\chi} + 4\partial_{\epsilon}\partial^{\epsilon}\partial_{\delta}\partial^{\delta}\sigma^{\chi\alpha\beta} + 3\eta^{\alpha\chi}\partial_{\phi}\partial^{\phi}\partial_{\epsilon}\partial^{\beta}\sigma^{\delta}_{\delta}{}^{\epsilon} + 3\eta^{\beta\chi}\partial_{\phi}\partial^{\phi}\partial_{\epsilon}\partial_{\delta}\sigma^{\delta\alpha\epsilon} + 3\eta^{\alpha\chi}\partial_{\phi}\partial^{\phi}\partial_{\epsilon}\partial^{\epsilon}\sigma^{\delta\beta}_{\delta}$	
$2^+_{1} \tau^{\parallel^{\alpha\beta}} == 0$	$4 \partial_{\delta} \partial_{\chi} \partial^{\beta} \partial^{\alpha} \tau (\Delta + \mathcal{K})^{\chi \delta} + 2 \partial_{\delta} \partial^{\delta} \partial^{\beta} \partial^{\alpha} \tau (\Delta + \mathcal{K})^{\chi}_{\chi} + 3 \partial_{\delta} \partial^{\delta} \partial_{\chi} \partial^{\chi} \tau (\Delta + \mathcal{K})^{\alpha \beta} + 3 \partial_{\delta} \partial^{\delta} \partial_{\chi} \partial^{\chi} \tau (\Delta + \mathcal{K})^{\beta \alpha} + 2 \eta^{\alpha \beta} \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial_{\chi} \tau (\Delta + \mathcal{K})^{\chi \delta} = 0$	5
	$3\partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\alpha}\tau(\Delta+\mathcal{K})^{\beta\chi}+3\partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\alpha}\tau(\Delta+\mathcal{K})^{\chi\beta}+3\partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\beta}\tau(\Delta+\mathcal{K})^{\alpha\chi}+3\partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\beta}\tau(\Delta+\mathcal{K})^{\chi\alpha}+2\eta^{\alpha\beta}\partial_{\epsilon}\partial^{\epsilon}\partial_{\delta}\partial^{\delta}\tau(\Delta+\mathcal{K})^{\chi}_{\chi}$	

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Massive spectrum

Total expected gauge generators:



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