

PSALTer results panel

$$\begin{aligned} S = & \iiint \iiint \left(\frac{1}{6} \left(-4 t_{\frac{2}{3}} \cdot \mathcal{A}^{\alpha^1}_{\alpha} \mathcal{A}_{,\theta}^{\theta} + 6 \mathcal{A}^{\alpha\beta\chi} \sigma_{\alpha\beta\chi} + 6 f^{\alpha\beta}{}_{\tau} (\Delta + \mathcal{K})_{\alpha\beta} + 8 t_{\frac{2}{3}} \cdot \mathcal{A}_{\alpha}^{\theta} \partial_{,f} f^{\alpha} - 3 r_{\frac{2}{3}} \cdot \partial_{\beta} \mathcal{A}_{,\theta}^{\theta} \partial' \mathcal{A}^{\alpha\beta}_{\alpha} - 3 r_{\frac{2}{3}} \cdot \partial_{,f} \mathcal{A}_{\beta}^{\theta} \partial' \mathcal{A}^{\alpha\beta}_{\alpha} - 8 t_{\frac{2}{3}} \cdot \mathcal{A}_{,\theta}^{\theta} \partial' f^{\alpha}_{\alpha} + 4 t_{\frac{2}{3}} \cdot \partial_{,f} f^{\theta}_{\theta} \partial' f^{\alpha}_{\alpha} - \right. \\ & 3 r_{\frac{2}{3}} \cdot \partial_{\alpha} \mathcal{A}^{\alpha\beta^1}_{\beta} \partial_{\theta} \mathcal{A}_{,\beta}^{\theta} + 6 r_{\frac{2}{3}} \cdot \partial' \mathcal{A}^{\alpha\beta}_{\alpha} \partial_{\theta} \mathcal{A}_{,\beta}^{\theta} - 3 r_{\frac{2}{3}} \cdot \partial_{\alpha} \mathcal{A}^{\alpha\beta^1}_{\beta} \partial_{\theta} \mathcal{A}_{,\beta}^{\theta} + 6 r_{\frac{2}{3}} \cdot \partial' \mathcal{A}^{\alpha\beta}_{\alpha} \partial_{\theta} \mathcal{A}_{,\beta}^{\theta} + 4 t_{\frac{2}{3}} \cdot \partial_{,f} f^{\alpha^1}_{\alpha} \partial_{\theta} f^{\alpha}_{\alpha} - 8 t_{\frac{2}{3}} \cdot \partial' f^{\alpha}_{\alpha} \partial_{\theta} f_{,\beta}^{\beta} + 8 r_{\frac{2}{3}} \cdot \partial_{\beta} \mathcal{A}_{\alpha^1\theta} \partial^{\theta} \mathcal{A}^{\alpha\beta^1}_{\alpha} - \\ & 4 r_{\frac{2}{3}} \cdot \partial_{\beta} \mathcal{A}_{\alpha\theta^1} \partial^{\theta} \mathcal{A}^{\alpha\beta^1}_{\alpha} + 4 r_{\frac{2}{3}} \cdot \partial_{\beta} \mathcal{A}_{,\theta\alpha} \partial^{\theta} \mathcal{A}^{\alpha\beta^1}_{\alpha} - 24 r_{\frac{2}{3}} \cdot \partial_{\beta} \mathcal{A}_{,\theta\alpha} \partial^{\theta} \mathcal{A}^{\alpha\beta^1}_{\alpha} - 2 r_{\frac{2}{3}} \cdot \partial_{,f} \mathcal{A}_{\alpha\beta\theta} \partial^{\theta} \mathcal{A}^{\alpha\beta^1}_{\alpha} + 2 r_{\frac{2}{3}} \cdot \partial_{\theta} \mathcal{A}_{\alpha\beta^1} \partial^{\theta} \mathcal{A}^{\alpha\beta^1}_{\alpha} - 4 r_{\frac{2}{3}} \cdot \partial_{\theta} \mathcal{A}_{\alpha^1\beta} \partial^{\theta} \mathcal{A}^{\alpha\beta^1}_{\alpha} + 6 r_{\frac{2}{3}} \cdot \partial_{,f} \mathcal{A}_{\theta}^{\kappa} \partial^{\theta} \mathcal{A}^{\alpha^1}_{\alpha} - \\ & 6 r_{\frac{2}{3}} \cdot \partial_{\theta} \mathcal{A}_{,\kappa}^{\kappa} \partial^{\theta} \mathcal{A}^{\alpha^1}_{\alpha} + 4 t_{\frac{2}{3}} \cdot \mathcal{A}_{,\theta\alpha} \partial^{\theta} f^{\alpha^1}_{\alpha} + 2 t_{\frac{2}{3}} \cdot \partial_{\alpha} f_{,\theta} \partial^{\theta} f^{\alpha^1}_{\alpha} - t_{\frac{2}{3}} \cdot \partial_{\alpha} f_{\theta^1} \partial^{\theta} f^{\alpha^1}_{\alpha} - t_{\frac{2}{3}} \cdot \partial_{,f} \alpha_{\theta} \partial^{\theta} f^{\alpha^1}_{\alpha} + t_{\frac{2}{3}} \cdot \partial_{\theta} f_{,\alpha} \partial^{\theta} f^{\alpha^1}_{\alpha} - 4 t_{\frac{2}{3}} \cdot \mathcal{A}_{\alpha\theta^1} \left(\mathcal{A}^{\alpha^1\theta} + \partial^{\theta} f^{\alpha^1}_{\alpha} \right) + \\ & \left. 2 t_{\frac{2}{3}} \cdot \mathcal{A}_{\alpha^1\theta} \left(\mathcal{A}^{\alpha^1\theta} + 2 \partial^{\theta} f^{\alpha^1}_{\alpha} \right) - 6 r_{\frac{2}{3}} \cdot \partial_{\alpha} \mathcal{A}^{\alpha^1\theta} \partial_{\kappa} \mathcal{A}_{,\kappa}^{\kappa} + 12 r_{\frac{2}{3}} \cdot \partial^{\theta} \mathcal{A}^{\alpha^1}_{\alpha} \partial_{\kappa} \mathcal{A}_{,\theta}^{\kappa} + 6 r_{\frac{2}{3}} \cdot \partial_{\alpha} \mathcal{A}^{\alpha^1\theta} \partial_{\kappa} \mathcal{A}_{,\theta^1}^{\kappa} - 12 r_{\frac{2}{3}} \cdot \partial^{\theta} \mathcal{A}^{\alpha^1}_{\alpha} \partial_{\kappa} \mathcal{A}_{,\theta}^{\kappa} \right) \Big) [t, x, y, z] dz dy dx dt \end{aligned}$$

Wave operator

$\overset{0}{\cdot}\mathcal{A}^{\parallel}\dagger$	$\overset{0}{\cdot}f^{\parallel}$	$\overset{0}{\cdot}f^{\perp}$	$\overset{0}{\cdot}\mathcal{A}^{\parallel}$												
$\overset{0}{\cdot}\mathcal{A}^{\parallel}\dagger$	$t_{\frac{2}{3}}$	$-i\sqrt{2}kt_{\frac{2}{3}}$	0	0											
$\overset{0}{\cdot}f^{\parallel}\dagger$	$i\sqrt{2}kt_{\frac{2}{3}}$	$2k^2t_{\frac{2}{3}}$	0	0											
$\overset{0}{\cdot}f^{\perp}\dagger$	0	0	0	0											
$\overset{0}{\cdot}\mathcal{A}^{\parallel}\dagger$	0	0	0	$k^2r_{\frac{2}{2}}+t_{\frac{2}{2}}$	$\overset{1}{\cdot}\mathcal{A}^{\parallel}_{\alpha\beta}$	$\overset{1}{\cdot}\mathcal{A}^{\perp}_{\alpha\beta}$	$\overset{1}{\cdot}f^{\parallel}_{\alpha\beta}$	$\overset{1}{\cdot}\mathcal{A}^{\parallel}_{\alpha}$	$\overset{1}{\cdot}\mathcal{A}^{\perp}_{\alpha}$	$\overset{1}{\cdot}f^{\parallel}_{\alpha}$	$\overset{1}{\cdot}f^{\perp}_{\alpha}$				
					$\overset{1}{\cdot}\mathcal{A}^{\parallel}\dagger^{\alpha\beta}$	$k^2\left(2r_{\frac{2}{3}}+r_{\frac{5}{5}}\right)+\frac{2t_{\frac{2}{2}}}{3}$	$\frac{\sqrt{2}t_{\frac{2}{2}}}{3}$	$\frac{1}{3}i\sqrt{2}kt_{\frac{2}{2}}$	0	0	0	0			
					$\overset{1}{\cdot}\mathcal{A}^{\perp}\dagger^{\alpha\beta}$	$\frac{\sqrt{2}t_{\frac{2}{2}}}{3}$	$\frac{t_{\frac{2}{2}}}{3}$	$\frac{ikt_{\frac{2}{2}}}{3}$	0	0	0	0			
					$\overset{1}{\cdot}f^{\parallel}\dagger^{\alpha\beta}$	$-\frac{1}{3}i\sqrt{2}kt_{\frac{2}{2}}$	$-\frac{1}{3}ikt_{\frac{2}{2}}$	$\frac{k^2t_{\frac{2}{2}}}{3}$	0	0	0	0			
					$\overset{1}{\cdot}\mathcal{A}^{\parallel}\dagger^{\alpha}$	0	0	0	$k^2\left(\frac{r_{\frac{3}{3}}}{2}+r_{\frac{5}{5}}\right)+\frac{2t_{\frac{2}{3}}}{3}$	$-\frac{\sqrt{2}t_{\frac{2}{3}}}{3}$	0	$-\frac{2}{3}ikt_{\frac{2}{3}}$			
					$\overset{1}{\cdot}\mathcal{A}^{\perp}\dagger^{\alpha}$	0	0	0	$-\frac{\sqrt{2}t_{\frac{2}{3}}}{3}$	$\frac{t_{\frac{2}{3}}}{3}$	0	$\frac{1}{3}i\sqrt{2}kt_{\frac{2}{3}}$			
					$\overset{1}{\cdot}f^{\parallel}\dagger^{\alpha}$	0	0	0	0	0	0	0			
					$\overset{1}{\cdot}f^{\perp}\dagger^{\alpha}$	0	0	0	$\frac{2ikt_{\frac{2}{3}}}{3}$	$-\frac{1}{3}i\sqrt{2}kt_{\frac{2}{3}}$	0	$\frac{2k^2t_{\frac{2}{3}}}{3}$	$\overset{2}{\cdot}\mathcal{A}^{\parallel}_{\alpha\beta}$	$\overset{2}{\cdot}f^{\parallel}_{\alpha\beta}$	$\overset{2}{\cdot}\mathcal{A}^{\parallel}_{\alpha\beta\chi}$
												$\overset{2}{\cdot}\mathcal{A}^{\parallel}\dagger^{\alpha\beta}$	$-\frac{3k^2r_{\frac{2}{3}}}{2}$	0	0
												$\overset{2}{\cdot}f^{\parallel}\dagger^{\alpha\beta}$	0	0	0
												$\overset{2}{\cdot}\mathcal{A}^{\parallel}\dagger^{\alpha\beta\chi}$	0	0	0

Saturated propagator

$\overset{0}{\cdot}\sigma^{\parallel}$	$\overset{0}{\cdot}\tau^{\parallel}$	$\overset{0}{\cdot}\tau^{\perp}$	$\overset{0}{\cdot}\sigma^{\parallel}$		$\overset{1}{\cdot}\sigma^{\parallel}_{\alpha\beta}$	$\overset{1}{\cdot}\sigma^{\perp}_{\alpha\beta}$	$\overset{1}{\cdot}\tau^{\parallel}_{\alpha\beta}$	$\overset{1}{\cdot}\sigma^{\parallel}_{\alpha}$	$\overset{1}{\cdot}\sigma^{\perp}_{\alpha}$	$\overset{1}{\cdot}\tau^{\parallel}_{\alpha}$	$\overset{1}{\cdot}\tau^{\perp}_{\alpha}$	
$\overset{0}{\cdot}\sigma^{\parallel}\dagger$	$\frac{1}{(1+2k^2)^2t_{\frac{2}{3}}}-\frac{i\sqrt{2}k}{(1+2k^2)^2t_{\frac{2}{3}}}$	0	0		$\overset{1}{\cdot}\sigma^{\parallel}\dagger^{\alpha\beta}$	$\frac{1}{k^2(2r_{\frac{2}{3}}+r_{\frac{5}{5}})}-\frac{\sqrt{2}}{k^2(1+k^2)(2r_{\frac{2}{3}}+r_{\frac{5}{5}})}-\frac{i\sqrt{2}}{k(1+k^2)(2r_{\frac{2}{3}}+r_{\frac{5}{5}})}$		0	0	0	0	
$\overset{0}{\cdot}\tau^{\parallel}\dagger$	$\frac{i\sqrt{2}k}{(1+2k^2)^2t_{\frac{2}{3}}}-\frac{2k^2}{(1+2k^2)^2t_{\frac{2}{3}}}$	0	0		$\overset{1}{\cdot}\sigma^{\perp}\dagger^{\alpha\beta}$	$-\frac{\sqrt{2}}{k^2(1+k^2)(2r_{\frac{2}{3}}+r_{\frac{5}{5}})}-\frac{3k^2(2r_{\frac{2}{3}}+r_{\frac{5}{5}})+2t_{\frac{2}{2}}}{(k+k^3)^2(2r_{\frac{2}{3}}+r_{\frac{5}{5}})t_{\frac{2}{2}}}-\frac{i(3k^2(2r_{\frac{2}{3}}+r_{\frac{5}{5}})+2t_{\frac{2}{2}})}{k(1+k^2)^2(2r_{\frac{2}{3}}+r_{\frac{5}{5}})t_{\frac{2}{2}}}$	$\frac{i(3k^2(2r_{\frac{2}{3}}+r_{\frac{5}{5}})+2t_{\frac{2}{2}})}{k(1+k^2)^2(2r_{\frac{2}{3}}+r_{\frac{5}{5}})t_{\frac{2}{2}}}$	0	0	0	0	
$\overset{0}{\cdot}\tau^{\perp}\dagger$	0	0	0		$\overset{1}{\cdot}\tau^{\parallel}\dagger^{\alpha\beta}$	$\frac{i\sqrt{2}}{k(1+k^2)(2r_{\frac{2}{3}}+r_{\frac{5}{5}})}-\frac{i(3k^2(2r_{\frac{2}{3}}+r_{\frac{5}{5}})+2t_{\frac{2}{2}})}{k(1+k^2)^2(2r_{\frac{2}{3}}+r_{\frac{5}{5}})t_{\frac{2}{2}}}-\frac{3k^2(2r_{\frac{2}{3}}+r_{\frac{5}{5}})+2t_{\frac{2}{2}}}{(1+k^2)^2(2r_{\frac{2}{3}}+r_{\frac{5}{5}})t_{\frac{2}{2}}}$		0	0	0	0	
$\overset{0}{\cdot}\sigma^{\parallel}\dagger$	0	0	0	$\frac{1}{k^2r_{\frac{2}{2}}+t_{\frac{2}{2}}}$	$\overset{1}{\cdot}\sigma^{\parallel}\dagger^{\alpha}$	0	0	0	$\frac{2}{k^2(r_{\frac{2}{3}}+2r_{\frac{5}{5}})}$	$\frac{2\sqrt{2}}{k^2(1+2k^2)(r_{\frac{2}{3}}+2r_{\frac{5}{5}})}$	0	$\frac{4i}{k(1+2k^2)(r_{\frac{2}{3}}+2r_{\frac{5}{5}})}$
					$\overset{1}{\cdot}\sigma^{\perp}\dagger^{\alpha}$	0	0	0	$\frac{2\sqrt{2}}{k^2(1+2k^2)(r_{\frac{2}{3}}+2r_{\frac{5}{5}})}$	$\frac{3k^2(r_{\frac{2}{3}}+2r_{\frac{5}{5}})+4t_{\frac{2}{3}}}{(k+2k^3)^2(r_{\frac{2}{3}}+2r_{\frac{5}{5}})t_{\frac{2}{3}}}$	0	$\frac{i\sqrt{2}(3k^2(r_{\frac{2}{3}}+2r_{\frac{5}{5}})+4t_{\frac{2}{3}})}{k(1+2k^2)^2(r_{\frac{2}{3}}+2r_{\frac{5}{5}})t_{\frac{2}{3}}}$
					$\overset{1}{\cdot}\tau^{\parallel}\dagger^{\alpha}$	0	0	0	0	0	0	0
					$\overset{1}{\cdot}\tau^{\perp}\dagger^{\alpha}$	0	0	0	$-\frac{4i}{k(1+2k^2)(r_{\frac{2}{3}}+2r_{\frac{5}{5}})}$	$-\frac{i\sqrt{2}(3k^2(r_{\frac{2}{3}}+2r_{\frac{5}{5}})+4t_{\frac{2}{3}})}{k(1+2k^2)^2(r_{\frac{2}{3}}+2r_{\frac{5}{5}})t_{\frac{2}{3}}}$	0	$\frac{6k^2(r_{\frac{2}{3}}+2r_{\frac{5}{5}})+8t_{\frac{2}{3}}}{(1+2k^2)^2(r_{\frac{2}{3}}+2r_{\frac{5}{5}})t_{\frac{2}{3}}}$
						$\overset{2}{\cdot}\sigma^{\parallel}_{\alpha\beta}$	$\overset{2}{\cdot}\tau^{\parallel}_{\alpha\beta}$	$\overset{2}{\cdot}\sigma^{\parallel}_{\alpha\beta\chi}$				
						$\overset{2}{\cdot}\sigma^{\parallel}\dagger^{\alpha\beta}$	$-\frac{2}{3k^2r_{\frac{2}{3}}}$	0				0
						$\overset{2}{\cdot}\tau^{\parallel}\dagger^{\alpha\beta}$	0	0				0
					$\overset{2}{\cdot}\sigma^{\parallel}\dagger^{\alpha\beta\chi}$	0	0					0

Source constraints

Spin-parity form	Covariant form	Multiplicities
$\overset{0}{\cdot}\tau^{\perp} == 0$	$\partial_{\beta}\partial_{\alpha\tau}(\Delta+\mathcal{K})^{\alpha\beta} == 0$	1
$-2ik\overset{0}{\cdot}\sigma^{\parallel} + \overset{0}{\cdot}\tau^{\parallel} == 0$	$\partial_{\beta}\partial_{\alpha\tau}(\Delta+\mathcal{K})^{\alpha\beta} == \partial_{\beta}\partial^{\beta}\tau(\Delta+\mathcal{K})^{\alpha}_{\alpha} + 2\partial_{\chi}\partial^{\chi}\partial_{\beta}\sigma^{\alpha}_{\alpha}{}^{\beta}$	1
$2ik\overset{1}{\cdot}\sigma^{\perp\alpha} + \overset{1}{\cdot}\tau^{\perp\alpha} == 0$	$\partial_{\chi}\partial_{\beta}\partial^{\alpha}\tau(\Delta+\mathcal{K})^{\beta\chi} == \partial_{\chi}\partial^{\chi}\partial_{\beta\tau}(\Delta+\mathcal{K})^{\alpha\beta} + 2\partial_{\delta}\partial^{\delta}\partial_{\chi}\partial_{\beta}\sigma^{\beta\alpha\chi}$	3
$\overset{1}{\cdot}\tau^{\parallel\alpha} == 0$	$\partial_{\chi}\partial_{\beta}\partial^{\alpha}\tau(\Delta+\mathcal{K})^{\beta\chi} == \partial_{\chi}\partial^{\chi}\partial_{\beta\tau}(\Delta+\mathcal{K})^{\beta\alpha}$	3
$i k \overset{1}{\cdot}\sigma^{\perp\alpha\beta} + \overset{1}{\cdot}\tau^{\parallel\alpha\beta} == 0$	$\partial_{\chi}\partial^{\alpha}\tau(\Delta+\mathcal{K})^{\beta\chi} + \partial_{\chi}\partial^{\beta}\tau(\Delta+\mathcal{K})^{\chi\alpha} + \partial_{\chi}\partial^{\chi}\tau(\Delta+\mathcal{K})^{\alpha\beta} + 2\partial_{\delta}\partial_{\chi}\partial^{\alpha}\sigma^{\chi\beta\delta} + 2\partial_{\delta}\partial^{\delta}\partial_{\chi}\sigma^{\chi\alpha\beta} == \partial_{\chi}\partial^{\alpha}\tau(\Delta+\mathcal{K})^{\chi\beta} + \partial_{\chi}\partial^{\beta}\tau(\Delta+\mathcal{K})^{\alpha\chi} + \partial_{\chi}\partial^{\chi}\tau(\Delta+\mathcal{K})^{\beta\alpha} + 2\partial_{\delta}\partial_{\chi}\partial^{\beta}\sigma^{\chi\alpha\delta}$	3
$\overset{2}{\cdot}\sigma^{\parallel\alpha\beta\chi} == 0$	$3\partial_{\epsilon}\partial_{\delta}\partial^{\chi}\partial^{\alpha}\sigma^{\delta\beta\epsilon} + 3\partial_{\epsilon}\partial^{\epsilon}\partial^{\chi}\partial^{\alpha}\sigma^{\delta\beta}_{\delta} + 2\partial_{\epsilon}\partial^{\epsilon}\partial_{\delta}\partial^{\beta}\sigma^{\alpha\chi\delta} + 4\partial_{\epsilon}\partial^{\epsilon}\partial_{\delta}\partial^{\beta}\sigma^{\chi\alpha\delta} + 2\partial_{\epsilon}\partial^{\epsilon}\partial_{\delta}\partial^{\beta}\sigma^{\delta\alpha\chi} +$ $2\partial_{\epsilon}\partial^{\epsilon}\partial_{\delta}\partial^{\chi}\sigma^{\beta\alpha\delta} + 4\partial_{\epsilon}\partial^{\epsilon}\partial_{\delta}\partial^{\chi}\sigma^{\delta\alpha\beta} + 2\partial_{\epsilon}\partial^{\epsilon}\partial_{\delta}\partial^{\delta}\sigma^{\alpha\beta\chi} + 3\eta^{\beta\chi}\partial_{\phi}\partial^{\phi}\partial_{\epsilon}\partial^{\alpha}\sigma^{\delta}_{\delta}\epsilon + 3\eta^{\alpha\chi}\partial_{\phi}\partial^{\phi}\partial_{\epsilon}\partial_{\delta}\sigma^{\delta\beta\epsilon} + 3\eta^{\beta\chi}\partial_{\phi}\partial^{\phi}\partial_{\epsilon}\partial^{\epsilon}\sigma^{\delta\alpha}_{\delta}\epsilon ==$ $3\partial_{\epsilon}\partial_{\delta}\partial^{\chi}\partial^{\beta}\sigma^{\delta\alpha\epsilon} + 3\partial_{\epsilon}\partial^{\epsilon}\partial^{\chi}\partial^{\beta}\sigma^{\delta\alpha}_{\delta} + 2\partial_{\epsilon}\partial^{\epsilon}\partial_{\delta}\partial^{\alpha}\sigma^{\beta\chi\delta} + 4\partial_{\epsilon}\partial^{\epsilon}\partial_{\delta}\partial^{\alpha}\sigma^{\chi\beta\delta} + 2\partial_{\epsilon}\partial^{\epsilon}\partial_{\delta}\partial^{\alpha}\sigma^{\delta\beta\chi} + 2\partial_{\epsilon}\partial^{\epsilon}\partial_{\delta}\partial^{\chi}\sigma^{\alpha\beta\delta} +$ $2\partial_{\epsilon}\partial^{\epsilon}\partial_{\delta}\partial^{\delta}\sigma^{\beta\alpha\chi} + 4\partial_{\epsilon}\partial^{\epsilon}\partial_{\delta}\partial^{\delta}\sigma^{\chi\alpha\beta} + 3\eta^{\alpha\chi}\partial_{\phi}\partial^{\phi}\partial_{\epsilon}\partial^{\beta}\sigma^{\delta}_{\delta}\epsilon + 3\eta^{\beta\chi}\partial_{\phi}\partial^{\phi}\partial_{\epsilon}\partial_{\delta}\sigma^{\delta\alpha\epsilon} + 3\eta^{\alpha\chi}\partial_{\phi}\partial^{\phi}\partial_{\epsilon}\partial^{\epsilon}\sigma^{\delta\beta}_{\delta}$	5
$\overset{2}{\cdot}\tau^{\parallel\alpha\beta} == 0$	$4\partial_{\delta}\partial_{\chi}\partial^{\beta}\partial^{\alpha}\tau(\Delta+\mathcal{K})^{\chi\delta} + 2\partial_{\delta}\partial^{\delta}\partial^{\beta}\partial^{\alpha}\tau(\Delta+\mathcal{K})^{\chi}_{\chi} + 3\partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\chi}\tau(\Delta+\mathcal{K})^{\alpha\beta} + 3\partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\chi}\tau(\Delta+\mathcal{K})^{\beta\alpha} + 2\eta^{\alpha\beta}\partial_{\epsilon}\partial^{\epsilon}\partial_{\delta}\partial_{\chi\tau}(\Delta+\mathcal{K})^{\chi\delta} ==$ $3\partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\alpha}\tau(\Delta+\mathcal{K})^{\beta\chi} + 3\partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\alpha}\tau(\Delta+\mathcal{K})^{\chi\beta} + 3\partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\beta}\tau(\Delta+\mathcal{K})^{\alpha\chi} + 3\partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\beta}\tau(\Delta+\mathcal{K})^{\chi\alpha} + 2\eta^{\alpha\beta}\partial_{\epsilon}\partial^{\epsilon}\partial_{\delta}\partial^{\delta}\tau(\Delta+\mathcal{K})^{\chi}_{\chi}$	5
Total expected gauge generators:		21

Massive spectrum

Massive particle

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

Massless spectrum

Massless particle

Pole residue:	$-\frac{14}{r_{\frac{2}{3}}} + \frac{57}{2r_{\frac{2}{3}}+r_{\frac{5}{5}}} - \frac{216}{r_{\frac{2}{3}}+2r_{\frac{5}{5}}} > 0$
Polarisations:	2

Unitarity conditions

$$r_{\frac{2}{2}} < 0 \ \&\& \ t_{\frac{2}{2}} > 0 \ \&\& \ \left(\left(r_{\frac{2}{3}} < 0 \ \&\& \ \left(r_{\frac{5}{5}} < -\frac{r_{\frac{2}{3}}}{2} \parallel r_{\frac{5}{5}} > -2r_{\frac{2}{3}} \right) \right) \parallel \left(r_{\frac{2}{3}} > 0 \ \&\& \ -2r_{\frac{2}{3}} < r_{\frac{5}{5}} < -\frac{r_{\frac{2}{3}}}{2} \right) \right)$$