

PSALTer results panel

$$S = \iiint \iiint \left( \frac{1}{6} \left( 6 t_{\dot{1}} \mathcal{A}^{\alpha'}_{\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} - 12 t_{\dot{1}} \mathcal{A}^{\theta}_{\alpha} \partial_{\dot{f}} f^{\alpha'} + 12 t_{\dot{1}} \mathcal{A}_{,\theta}^{\theta} \partial' f^{\alpha}_{\alpha} - 6 t_{\dot{1}} \partial_{\dot{f}} f^{\theta}_{\theta} \partial' f^{\alpha}_{\alpha} - 6 t_{\dot{1}} \partial_{\dot{f}} f^{\alpha'} \partial_{\theta f} f^{\theta}_{\alpha} + \right. \right. \\ \left. 12 t_{\dot{1}} \partial' f^{\alpha}_{\alpha} \partial_{\theta f} f^{\theta}_{,\theta} + 8 r_{\dot{2}} \partial_{\beta} \mathcal{A}_{\alpha,\theta} \partial^{\theta} \mathcal{A}^{\alpha\beta'} - 4 r_{\dot{2}} \partial_{\beta} \mathcal{A}_{\alpha\theta,\dot{\theta}} \partial^{\theta} \mathcal{A}^{\alpha\beta'} + 4 r_{\dot{2}} \partial_{\beta} \mathcal{A}_{,\theta\alpha} \partial^{\theta} \mathcal{A}^{\alpha\beta'} - 2 r_{\dot{2}} \partial_{\dot{\alpha}} \mathcal{A}_{\alpha\beta\theta} \partial^{\theta} \mathcal{A}^{\alpha\beta'} + 2 r_{\dot{2}} \partial_{\theta} \mathcal{A}_{\alpha\beta,\dot{\theta}} \partial^{\theta} \mathcal{A}^{\alpha\beta'} - 4 r_{\dot{2}} \partial_{\theta} \mathcal{A}_{\alpha,\dot{\theta}\beta} \partial^{\theta} \mathcal{A}^{\alpha\beta'} + \right. \\ \left. 6 r_{\dot{5}} \partial_{\dot{\alpha}} \mathcal{A}_{\theta}^{\kappa} \partial^{\theta} \mathcal{A}^{\alpha'}_{\alpha} - 6 r_{\dot{5}} \partial_{\beta} \mathcal{A}_{,\kappa}^{\kappa} \partial^{\theta} \mathcal{A}^{\alpha'}_{\alpha} + 4 t_{\dot{1}} \mathcal{A}_{,\theta\alpha} \partial^{\theta} f^{\alpha'} + 4 t_{\dot{2}} \mathcal{A}_{,\theta\alpha} \partial^{\theta} f^{\alpha'} - 4 t_{\dot{1}} \partial_{\alpha f} f^{\theta}_{,\theta} \partial^{\theta} f^{\alpha'} + 2 t_{\dot{2}} \partial_{\alpha f} f^{\theta}_{,\theta} \partial^{\theta} f^{\alpha'} - 4 t_{\dot{1}} \partial_{\alpha f} f^{\theta}_{,\theta} \partial^{\theta} f^{\alpha'} - t_{\dot{2}} \partial_{\alpha f} f^{\theta}_{,\theta} \partial^{\theta} f^{\alpha'} + \right. \\ \left. 2 t_{\dot{1}} \partial_{\dot{\alpha}} f_{\alpha\theta} \partial^{\theta} f^{\alpha'} - t_{\dot{2}} \partial_{\dot{\alpha}} f_{\alpha\theta} \partial^{\theta} f^{\alpha'} + 4 t_{\dot{1}} \partial_{\theta f} f^{\alpha'}_{,\alpha} \partial^{\theta} f^{\alpha'} + t_{\dot{2}} \partial_{\theta f} f^{\alpha'}_{,\alpha} \partial^{\theta} f^{\alpha'} + 2 t_{\dot{1}} \partial_{\theta f} f^{\alpha'}_{,\alpha} \partial^{\theta} f^{\alpha'} - t_{\dot{2}} \partial_{\theta f} f^{\alpha'}_{,\alpha} \partial^{\theta} f^{\alpha'} + 2 \left( t_{\dot{1}} + t_{\dot{2}} \right) \mathcal{A}_{\alpha,\theta} \left( \mathcal{A}^{\alpha'\theta} + 2 \partial^{\theta} f^{\alpha'} \right) + \right. \\ \left. 2 \mathcal{A}_{\alpha\theta,\dot{\theta}} \left( \left( t_{\dot{1}} - 2 t_{\dot{2}} \right) \mathcal{A}^{\alpha'\theta} + 2 \left( 2 t_{\dot{1}} - t_{\dot{2}} \right) \partial^{\theta} f^{\alpha'} \right) - 6 r_{\dot{5}} \partial_{\alpha} \mathcal{A}^{\alpha'\theta} \partial_{\kappa} \mathcal{A}_{,\kappa}^{\kappa}_{\theta} + 12 r_{\dot{5}} \partial^{\theta} \mathcal{A}^{\alpha'}_{\alpha} \partial_{\kappa} \mathcal{A}_{,\kappa}^{\kappa}_{\theta} + 6 r_{\dot{5}} \partial_{\alpha} \mathcal{A}^{\alpha'\theta} \partial_{\kappa} \mathcal{A}_{\theta}^{\kappa} - 12 r_{\dot{5}} \partial^{\theta} \mathcal{A}^{\alpha'}_{\alpha} \partial_{\kappa} \mathcal{A}_{\theta}^{\kappa} \right) \Big| [t, x, y, z] dz dy dx dt$$

Wave operator

$\overset{0}{\underset{\cdot}{\mathcal{A}}}^{\parallel}$	$\overset{0}{\underset{\cdot}{f}}^{\parallel}$	$\overset{0}{\underset{\cdot}{f}}^{\perp}$	$\overset{0}{\underset{\cdot}{\mathcal{A}}}^{\perp}$										
$\overset{0}{\underset{\cdot}{\mathcal{A}}}^{\parallel} \dagger$	$-t_{\dot{1}}$	$i \sqrt{2} k t_{\dot{1}}$	0	0									
$\overset{0}{\underset{\cdot}{f}}^{\parallel} \dagger$	$-i \sqrt{2} k t_{\dot{1}}$	$-2 k^2 t_{\dot{1}}$	0	0									
$\overset{0}{\underset{\cdot}{f}}^{\perp} \dagger$	0	0	0	0									
$\overset{0}{\underset{\cdot}{\mathcal{A}}}^{\perp} \dagger$	0	0	0	$k^2 r_{\dot{2}} + t_{\dot{2}}$	$\overset{1}{\underset{\cdot}{\mathcal{A}}}^{\parallel}_{\alpha\beta}$	$\overset{1}{\underset{\cdot}{\mathcal{A}}}^{\perp}_{\alpha\beta}$	$\overset{1}{\underset{\cdot}{f}}^{\parallel}_{\alpha\beta}$	$\overset{1}{\underset{\cdot}{\mathcal{A}}}^{\parallel}_{\alpha}$	$\overset{1}{\underset{\cdot}{\mathcal{A}}}^{\perp}_{\alpha}$	$\overset{1}{\underset{\cdot}{f}}^{\parallel}_{\alpha}$	$\overset{1}{\underset{\cdot}{f}}^{\perp}_{\alpha}$		
$\overset{1}{\underset{\cdot}{\mathcal{A}}}^{\parallel} \dagger^{\alpha\beta}$	$\frac{1}{6} \left( 6 k^2 r_{\dot{5}} + t_{\dot{1}} + 4 t_{\dot{2}} \right)$	$-\frac{t_{\dot{1}} - 2 t_{\dot{2}}}{3 \sqrt{2}}$	$-\frac{i k \left( t_{\dot{1}} - 2 t_{\dot{2}} \right)}{3 \sqrt{2}}$	0	0	0	0						
$\overset{1}{\underset{\cdot}{\mathcal{A}}}^{\perp} \dagger^{\alpha\beta}$	$-\frac{t_{\dot{1}} - 2 t_{\dot{2}}}{3 \sqrt{2}}$	$\frac{t_{\dot{1}} + t_{\dot{2}}}{3}$	$\frac{1}{3} i k \left( t_{\dot{1}} + t_{\dot{2}} \right)$	0	0	0	0						
$\overset{1}{\underset{\cdot}{f}}^{\parallel} \dagger^{\alpha\beta}$	$\frac{i k \left( t_{\dot{1}} - 2 t_{\dot{2}} \right)}{3 \sqrt{2}}$	$-\frac{1}{3} i k \left( t_{\dot{1}} + t_{\dot{2}} \right)$	$\frac{1}{3} k^2 \left( t_{\dot{1}} + t_{\dot{2}} \right)$	0	0	0	0						
$\overset{1}{\underset{\cdot}{\mathcal{A}}}^{\parallel} \dagger^{\alpha}$	0	0	0	$k^2 r_{\dot{5}} - \frac{t_{\dot{1}}}{2}$	$\frac{t_{\dot{1}}}{\sqrt{2}}$	0	$i k t_{\dot{1}}$						
$\overset{1}{\underset{\cdot}{\mathcal{A}}}^{\perp} \dagger^{\alpha}$	0	0	0	$\frac{t_{\dot{1}}}{\sqrt{2}}$	0	0	0						
$\overset{1}{\underset{\cdot}{f}}^{\parallel} \dagger^{\alpha}$	0	0	0	0	0	0	0						
$\overset{1}{\underset{\cdot}{f}}^{\perp} \dagger^{\alpha}$	0	0	0	$-i k t_{\dot{1}}$	0	0	0	$\overset{2}{\underset{\cdot}{\mathcal{A}}}^{\parallel}_{\alpha\beta}$	$\overset{2}{\underset{\cdot}{f}}^{\parallel}_{\alpha\beta}$	$\overset{2}{\underset{\cdot}{\mathcal{A}}}^{\parallel}_{\alpha\beta\chi}$			
								$\overset{2}{\underset{\cdot}{\mathcal{A}}}^{\parallel} \dagger^{\alpha\beta}$	$\frac{t_{\dot{1}}}{2}$	$-\frac{i k t_{\dot{1}}}{\sqrt{2}}$	0		
								$\overset{2}{\underset{\cdot}{f}}^{\parallel} \dagger^{\alpha\beta}$	$\frac{i k t_{\dot{1}}}{\sqrt{2}}$	$k^2 t_{\dot{1}}$	0		
								$\overset{2}{\underset{\cdot}{\mathcal{A}}}^{\parallel} \dagger^{\alpha\beta\chi}$	0	0	$\frac{t_{\dot{1}}}{2}$		

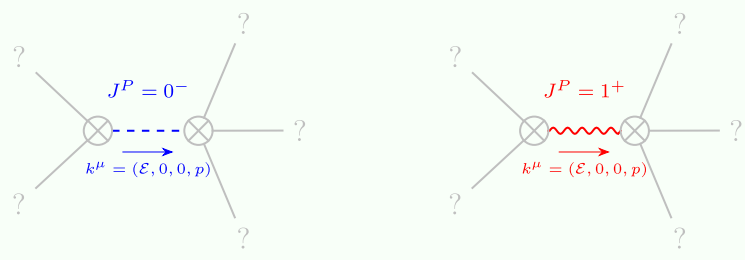
Saturated propagator

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

Source constraints

Spin-parity form	Covariant form	Multiplicities
$\overset{0}{\underset{\cdot}{r}}^{\perp} == 0$	$\partial_{\beta} \partial_{\alpha \tau} \left( \Delta + \mathcal{K} \right)^{\alpha\beta} == 0$	1
$-2 i k \overset{0}{\underset{\cdot}{\sigma}}^{\parallel} + \overset{0}{\underset{\cdot}{r}}^{\parallel} == 0$	$\partial_{\beta} \partial_{\alpha \tau} \left( \Delta + \mathcal{K} \right)^{\alpha\beta} == \partial_{\beta} \partial^{\beta} \tau \left( \Delta + \mathcal{K} \right)^{\alpha}_{\alpha} + 2 \partial_{\chi} \partial^{\chi} \partial_{\beta} \sigma^{\alpha}_{\alpha}{}^{\beta}$	1
$2 i k \overset{1}{\underset{\cdot}{\sigma}}^{\perp\alpha} + \overset{1}{\underset{\cdot}{r}}^{\perp\alpha} == 0$	$\partial_{\chi} \partial_{\beta} \partial^{\alpha} \tau \left( \Delta + \mathcal{K} \right)^{\beta\chi} == \partial_{\chi} \partial^{\chi} \partial_{\beta \tau} \left( \Delta + \mathcal{K} \right)^{\alpha\beta} + 2 \partial_{\delta} \partial^{\delta} \partial_{\chi} \partial_{\beta} \sigma^{\beta\alpha\chi}$	3
$\overset{1}{\underset{\cdot}{r}}^{\parallel\alpha} == 0$	$\partial_{\chi} \partial_{\beta} \partial^{\alpha} \tau \left( \Delta + \mathcal{K} \right)^{\beta\chi} == \partial_{\chi} \partial^{\chi} \partial_{\beta \tau} \left( \Delta + \mathcal{K} \right)^{\beta\alpha}$	3
$i k \overset{1}{\underset{\cdot}{\sigma}}^{\perp\alpha\beta} + \overset{1}{\underset{\cdot}{r}}^{\parallel\alpha\beta} == 0$	$\partial_{\chi} \partial^{\alpha} \tau \left( \Delta + \mathcal{K} \right)^{\beta\chi} + \partial_{\chi} \partial^{\beta} \tau \left( \Delta + \mathcal{K} \right)^{\chi\alpha} + \partial_{\chi} \partial^{\chi} \tau \left( \Delta + \mathcal{K} \right)^{\alpha\beta} + 2 \partial_{\delta} \partial_{\chi} \partial^{\alpha} \sigma^{\chi\beta\delta} + 2 \partial_{\delta} \partial^{\delta} \partial_{\chi} \sigma^{\chi\alpha\beta} == \partial_{\chi} \partial^{\alpha} \tau \left( \Delta + \mathcal{K} \right)^{\chi\beta} + \partial_{\chi} \partial^{\beta} \tau \left( \Delta + \mathcal{K} \right)^{\alpha\chi} + \partial_{\chi} \partial^{\chi} \tau \left( \Delta + \mathcal{K} \right)^{\beta\alpha} + 2 \partial_{\delta} \partial_{\chi} \partial^{\beta} \sigma^{\chi\alpha\delta}$	3
$-2 i k \overset{2}{\underset{\cdot}{\sigma}}^{\parallel\alpha\beta} + \overset{2}{\underset{\cdot}{r}}^{\parallel\alpha\beta} == 0$	$-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} \partial^{\alpha} \tau \left( \Delta + \mathcal{K} \right)^{\chi}_{\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} - 3 \partial_{\delta} \partial^{\delta} \partial_{\chi} \partial^{\beta} \tau \left( \Delta + \mathcal{K} \right)^{\alpha\chi} - \right. \\ 3 \partial_{\delta} \partial^{\delta} \partial_{\chi} \partial^{\beta} \tau \left( \Delta + \mathcal{K} \right)^{\chi\alpha} + 3 \partial_{\delta} \partial^{\delta} \partial_{\chi} \partial^{\chi} \tau \left( \Delta + \mathcal{K} \right)^{\alpha\beta} + 3 \partial_{\delta} \partial^{\delta} \partial_{\chi} \partial^{\chi} \tau \left( \Delta + \mathcal{K} \right)^{\beta\alpha} + 4 i k^{\chi} \partial_{\epsilon} \partial_{\chi} \partial^{\beta} \partial^{\alpha} \sigma^{\delta}_{\delta}{}^{\epsilon} - 6 i k^{\chi} \partial_{\epsilon} \partial_{\delta} \partial_{\chi} \partial^{\alpha} \sigma^{\delta\beta\epsilon} - 6 i k^{\chi} \partial_{\epsilon} \partial_{\delta} \partial_{\chi} \partial^{\beta} \sigma^{\delta\alpha\epsilon} + \\ \left. 6 i k^{\chi} \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial_{\chi} \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 \left( \Delta + \mathcal{K} \right)^{\chi\delta} - 2 \eta^{\alpha\beta} \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\delta} \tau \left( \Delta + \mathcal{K} \right)^{\chi}_{\chi} - 4 i \eta^{\alpha\beta} k^{\chi} \partial_{\phi} \partial^{\phi} \partial_{\epsilon} \partial_{\chi} \sigma^{\delta}_{\delta}{}^{\epsilon} \right) == 0$	5
Total expected gauge generators:		16

Massive spectrum



Massive particle	Massive particle
Pole residue: $-\frac{1}{r_{\dot{2}}} > 0$	Pole residue: $\frac{-3 t_{\dot{1}} t_{\dot{2}} \left( t_{\dot{1}} + t_{\dot{2}} \right) + 3 r_{\dot{5}} \left( t_{\dot{1}}^2 + 2 t_{\dot{2}} t_{\dot{1}} \right)}{r_{\dot{5}} \left( t_{\dot{1}} + t_{\dot{2}} \right) \left( -3 t_{\dot{1}} t_{\dot{2}} + 2 r_{\dot{5}} \left( t_{\dot{1}} + t_{\dot{2}} \right) \right)} > 0$
Square mass: $-\frac{t_{\dot{2}}}{r_{\dot{2}}} > 0$	Square mass: $-\frac{3 t_{\dot{1}} t_{\dot{2}}}{2 r_{\dot{5}} t_{\dot{1}} + 2 r_{\dot{5}} t_{\dot{2}}} > 0$
Spin: 0	Spin: 1
Parity: Odd	Parity: Even

Massless spectrum

(No particles)

Unitarity conditions

$$t_{\dot{2}} > 0 \ \&\& \ -t_{\dot{2}} < t_{\dot{1}} < 0 \ \&\& \ r_{\dot{5}} > 0 \ \&\& \ r_{\dot{2}} < 0$$