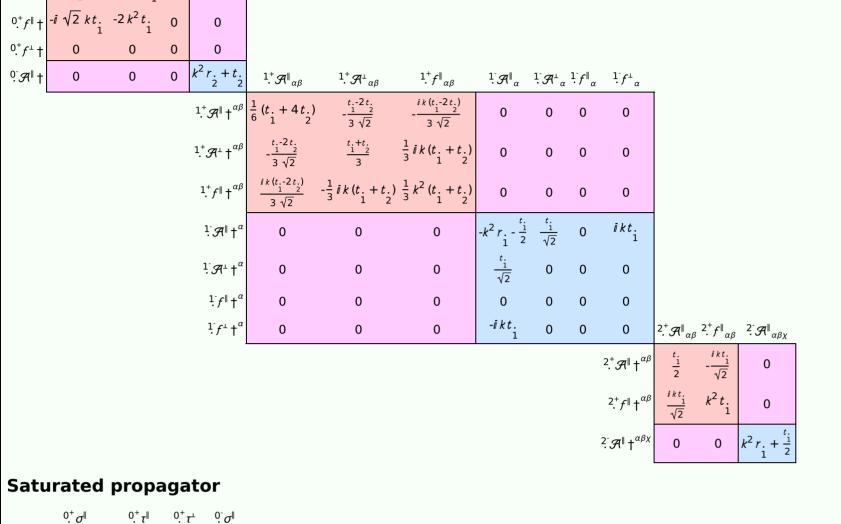
PSALTer results panel $\iiint (\frac{1}{6} \left(6 t_{1} \mathcal{A}^{\alpha_{i}}_{\alpha} \mathcal{A}^{\theta}_{i \theta} + 6 \mathcal{A}^{\alpha \beta \chi} \sigma_{\alpha \beta \chi} + 6 f^{\alpha \beta} \tau (\Delta + \mathcal{K})_{\alpha \beta} - 12 t_{1} \mathcal{A}^{\theta}_{\alpha \theta} \partial_{i} f^{\alpha_{i}} - 12 r_{1} \partial_{\beta} \mathcal{A}^{\theta}_{i \theta} \partial^{i} \mathcal{A}^{\alpha \beta}_{\alpha} + 12 r_{1} \partial_{i} \mathcal{A}^{\theta}_{\beta \theta} \partial^{i} \mathcal{A}^{\alpha \beta}_{\alpha} + 12 t_{1} \mathcal{A}^{\theta}_{i \theta} \partial^{i} f^{\alpha}_{\alpha} - 6 t_{1} \partial_{i} f^{\theta}_{\theta} \partial^{i} \mathcal{A}^{\alpha \beta}_{\alpha} + 12 r_{2} \partial_{i} \mathcal{A}^{\beta}_{\beta \theta} \partial^{i} \mathcal{A}^{\alpha \beta}_{\alpha} + 12 r_{3} \partial_{i} \mathcal{A}^{\beta}_{\beta \theta} \partial^{i} \mathcal{A}^{\alpha \beta}_{\alpha} + 12 r_{3} \partial_{i} \mathcal{A}^{\beta}_{\beta \theta} \partial^{i} \mathcal{A}^{\alpha \beta}_{\alpha} + 12 r_{3} \partial_{i} \mathcal{A}^{\beta}_{\beta \theta} \partial^{i} \mathcal{A}^{\alpha \beta}_{\alpha} + 12 r_{3} \partial_{i} \mathcal{A}^{\beta}_{\beta \theta} \partial^{i} \mathcal{A}^{\alpha \beta}_{\alpha} + 12 r_{3} \partial_{i} \mathcal{A}^{\beta}_{\beta \theta} \partial^{i} \mathcal{A}^{\alpha \beta}_{\alpha} + 12 r_{3} \partial_{i} \mathcal{A}^{\beta}_{\beta \theta} \partial^{i} \mathcal{A}^{\alpha \beta}_{\alpha} + 12 r_{3} \partial_{i} \mathcal{A}^{\beta}_{\beta \theta} \partial^{i} \mathcal{A}^{\alpha \beta}_{\alpha} + 12 r_{3} \partial_{i} \mathcal{A}^{\beta}_{\beta \theta} \partial^{i} \mathcal{A}^{\alpha \beta}_{\alpha} + 12 r_{3} \partial_{i} \mathcal{A}^{\beta}_{\beta \theta} \partial^{i} \mathcal{A}^{\alpha \beta}_{\alpha} + 12 r_{3} \partial_{i} \mathcal{A}^{\beta}_{\beta \theta} \partial^{i} \mathcal{A}^{\alpha \beta}_{\alpha} + 12 r_{3} \partial_{i} \mathcal{A}^{\beta}_{\beta \theta} \partial^{i} \mathcal{A}^{\alpha \beta}_{\alpha} + 12 r_{3} \partial_{i} \mathcal{A}^{\beta}_{\beta \theta} \partial^{i} \mathcal{A}^{\alpha \beta}_{\alpha} + 12 r_{3} \partial_{i} \mathcal{A}^{\beta}_{\beta \theta} \partial^{i} \mathcal{A}^{\alpha \beta}_{\alpha} + 12 r_{3} \partial_{i} \mathcal{A}^{\beta}_{\beta \theta} \partial^{i} \mathcal{A}^{\alpha \beta}_{\alpha} + 12 r_{3} \partial_{i} \mathcal{A}^{\beta}_{\beta \theta} \partial^{i} \mathcal{A}^{\alpha \beta}_{\alpha} + 12 r_{3} \partial_{i} \mathcal{A}^{\beta}_{\beta \theta} \partial^{i} \mathcal{A}^{\alpha \beta}_{\alpha} + 12 r_{3} \partial_{i} \mathcal{A}^{\beta}_{\beta \theta} \partial^{i} \mathcal{A}^{\alpha \beta}_{\alpha} + 12 r_{3} \partial_{i} \mathcal{A}^{\beta}_{\beta \theta} \partial^{i} \mathcal{A}^{\alpha \beta}_{\alpha} + 12 r_{3} \partial_{i} \mathcal{A}^{\beta}_{\beta \theta} \partial^{i} \mathcal{A}^{\alpha \beta}_{\alpha} + 12 r_{3} \partial_{i} \mathcal{A}^{\beta}_{\beta \theta} \partial^{i} \mathcal{A}^{\alpha \beta}_{\alpha} + 12 r_{3} \partial_{i} \mathcal{A}^{\beta}_{\beta \theta} \partial^{i} \mathcal{A}^{\alpha \beta}_{\alpha} + 12 r_{3} \partial_{i} \mathcal{A}^{\beta}_{\beta \theta} \partial^{i} \mathcal{A}^{\alpha \beta}_{\alpha} + 12 r_{3} \partial_{i} \mathcal{A}^{\beta}_{\beta \theta} \partial^{i} \mathcal{A}^{\alpha \beta}_{\alpha} + 12 r_{3} \partial_{i} \mathcal{A}^{\beta}_{\beta \theta} \partial^{i} \mathcal{A}^{\alpha \beta}_{\alpha} + 12 r_{3} \partial_{i} \mathcal{A}^{\beta}_{\beta \theta} \partial^{i} \mathcal{A}^{\alpha \beta}_{\alpha} + 12 r_{3} \partial_{i} \mathcal{A}^{\beta}_{\beta \theta} \partial^{i} \mathcal{A}^{\alpha \beta}_{\alpha} + 12 r_{3} \partial_{i} \mathcal{A}^{\beta}_{\beta \theta} \partial^{i} \mathcal{A}^{\alpha \beta}_{\alpha} + 12 r_{3} \partial_{i} \mathcal{A}^{\beta}_{\beta \theta} \partial^{i} \mathcal{A}^{\alpha \beta}_{\alpha} + 12 r_{3} \partial_{i} \mathcal{A}^{\beta}_{\beta \theta} \partial^{i} \mathcal{A}^{\alpha \beta}_{\alpha} + 12 r_{3} \partial_{i} \mathcal{A}^{\beta}_{\beta \theta} \partial^{i} \mathcal{A}^{\alpha \beta}_{\alpha} + 12 r_{3} \partial_{i} \mathcal{A}^{\beta}_{\beta \theta} \partial^{i} \mathcal{A}^{\alpha \beta}_{\alpha}$ $\partial^{\prime}f^{\alpha}_{\alpha} + 12\,r_{\underline{i}}\,\partial_{\alpha}\mathcal{R}^{\alpha\beta\prime}\,\partial_{\theta}\mathcal{R}_{\beta\prime}^{\theta} - 24\,r_{\underline{i}}\,\partial^{\prime}\mathcal{R}^{\alpha\beta}_{\alpha}\,\partial_{\theta}\mathcal{R}_{\beta\prime}^{\theta} - 12\,r_{\underline{i}}\,\partial_{\alpha}\mathcal{R}^{\alpha\beta\prime}\,\partial_{\theta}\mathcal{R}_{\prime\beta}^{\theta} + 24\,r_{\underline{i}}\,\partial^{\prime}\mathcal{R}^{\alpha\beta}_{\alpha}\,\partial_{\theta}\mathcal{R}_{\prime\beta}^{\theta} - 6\,t_{\underline{i}}\,\partial_{\prime}f^{\alpha\prime}\,\partial_{\theta}f_{\beta}^{\theta} + 12\,r_{\underline{i}}\,\partial_{\alpha}\mathcal{R}^{\alpha\beta\prime}\,\partial_{\theta}\mathcal{R}_{\prime\beta}^{\theta} + 12\,r_{\underline{i}}\,\partial_{\alpha}\mathcal{R}^{\alpha\beta\prime}\,\partial_{\theta}\mathcal{R}_{\prime\beta}^{\theta} - 12\,r_{\underline{i}}\,\partial_{\alpha}\mathcal{R}^{\alpha\beta\prime}\,\partial_{\theta}\mathcal{R}_{\prime\beta}^{\theta} + 12\,r_{\underline{i}}\,\partial_{\alpha}\mathcal{R}^{\alpha\beta\prime}\,\partial_{\theta}\mathcal{R}_{\prime\beta}^{\theta} + 12\,r_{\underline{i}}\,\partial_{\alpha}\mathcal{R}^{\alpha\beta\prime}\,\partial_{\theta}\mathcal{R}_{\prime\beta}^{\theta} - 12\,r_{\underline{i}}\,\partial_{\alpha}\mathcal{R}^{\alpha\beta\prime}\,\partial_{\theta}\mathcal{R}_{\prime\beta}^{\theta} - 12\,r_{\underline{i}}\,\partial_{\alpha}\mathcal{R}^{\alpha\beta\prime}\,\partial_{\theta}\mathcal{R}_{\prime\beta}^{\theta} + 12\,r_{\underline{i}}\,\partial_{\alpha}\mathcal{R}^{\alpha\beta\prime}\,\partial_{\theta}\mathcal{R}_{\prime\beta}^{\theta} - 12\,r_{\underline{i}}\,\partial_{\alpha}\mathcal{R}^{\alpha\beta\prime}\,\partial_{\alpha}\mathcal{R}_{\prime\beta}^{\theta} - 12\,r_{\underline{i}}\,\partial_{\alpha}\mathcal{R}_{\dot{\alpha}\beta}^{\theta} - 12\,r_{\underline{i}}\,\partial_{\alpha}\mathcal{R}_{\dot{\alpha}\beta}^{\theta} - 12\,r_{\underline{i}}\,\partial_{\alpha}\mathcal{R}_{\dot{\alpha}\beta}^{\theta} - 12\,r_{\underline{i}}\,\partial_{\alpha}$ $12\,t_{1}\,\partial^{\prime}f^{\alpha}_{\alpha}\,\partial_{\theta}f^{\beta}_{}-8\,r_{1}\,\partial_{\beta}\mathcal{A}_{\alpha_{\ell}\theta}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{\ell}}+8\,r_{2}\,\partial_{\beta}\mathcal{A}_{\alpha_{\ell}\theta}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{\ell}}+4\,r_{1}\,\partial_{\beta}\mathcal{R}_{\alpha_{\theta}\ell}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{\ell}}-4\,r_{2}\,\partial_{\beta}\mathcal{R}_{\alpha_{\theta}\ell}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{\ell}}-4\,r_{2}\,\partial_{\beta}\mathcal{R}_{\alpha_{\theta}\ell}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{\ell}}-4\,r_{2}\,\partial_{\beta}\mathcal{R}_{\alpha_{\theta}\ell}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{\ell}}-4\,r_{2}\,\partial_{\beta}\mathcal{R}_{\alpha_{\theta}\ell}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{\ell}}-4\,r_{2}\,\partial_{\beta}\mathcal{R}_{\alpha_{\theta}\ell}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{\ell}}-4\,r_{2}\,\partial_{\beta}\mathcal{R}_{\alpha_{\theta}\ell}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{\ell}}-4\,r_{2}\,\partial_{\beta}\mathcal{R}_{\alpha_{\theta}\ell}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{\ell}}-4\,r_{2}\,\partial_{\beta}\mathcal{R}_{\alpha_{\theta}\ell}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{\ell}}-4\,r_{2}\,\partial_{\beta}\mathcal{R}_{\alpha_{\theta}\ell}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{\ell}}-4\,r_{2}\,\partial_{\beta}\mathcal{R}_{\alpha_{\theta}\ell}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{\ell}}-4\,r_{2}\,\partial_{\beta}\mathcal{R}_{\alpha_{\theta}\ell}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{\ell}}-4\,r_{2}\,\partial_{\beta}\mathcal{R}_{\alpha_{\theta}\ell}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{\ell}}-4\,r_{2}\,\partial_{\beta}\mathcal{R}_{\alpha_{\theta}\ell}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{\ell}}-4\,r_{2}\,\partial_{\beta}\mathcal{R}_{\alpha_{\theta}\ell}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{\ell}}-4\,r_{2}\,\partial_{\beta}\mathcal{R}_{\alpha_{\theta}\ell}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{\ell}}-4\,r_{2}\,\partial_{\beta}\mathcal{R}_{\alpha_{\theta}\ell}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{\ell}}-4\,r_{2}\,\partial_{\beta}\mathcal{R}_{\alpha_{\theta}\ell}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{\ell}}-4\,r_{2}\,\partial_{\beta}\mathcal{R}_{\alpha_{\theta}\ell}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{\ell}}-4\,r_{2}\,\partial_{\beta}\mathcal{R}_{\alpha_{\theta}\ell}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{\ell}}-4\,r_{2}\,\partial_{\beta}\mathcal{R}_{\alpha_{\theta}\ell}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{\ell}}-4\,r_{2}\,\partial_{\beta}\mathcal{R}_{\alpha_{\theta}\ell}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{\ell}}-4\,r_{2}\,\partial_{\beta}\mathcal{R}_{\alpha_{\theta}\ell}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{\ell}}-4\,r_{2}\,\partial_{\beta}\mathcal{R}_{\alpha_{\theta}\ell}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{\ell}}-4\,r_{2}\,\partial_{\beta}\mathcal{R}_{\alpha_{\theta}\ell}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{\ell}}-4\,r_{2}\,\partial_{\beta}\mathcal{R}_{\alpha_{\theta}\ell}\,\partial^{\theta}\mathcal{R}^{\alpha\beta_{\ell}}-4\,r_{2}\,\partial_{\beta}\mathcal{R}_{\alpha_{\theta}\ell}-4\,r_$ $16r_{1}\partial_{\beta}\mathcal{A}_{_{I}\theta\alpha}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\beta}\mathcal{A}_{_{I}\theta\alpha}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}-4r_{1}\partial_{\beta}\mathcal{A}_{_{\alpha\beta\theta}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}-2r_{2}\partial_{\beta}\mathcal{A}_{_{\alpha\beta\theta}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{1}\partial_{\theta}\mathcal{A}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+2r_{2}\partial_{\theta}\mathcal{A}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{A}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{A}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{A}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta}\mathcal{R}^{\alpha\beta_{I}}+4r_{2}\partial_{\theta}\mathcal{R}_{_{\alpha\beta_{I}}}\partial^{\theta$ $4r_{1}\partial_{\theta}\mathcal{R}_{\alpha i\beta}\partial^{\theta}\mathcal{R}^{\alpha \beta i}-4r_{2}\partial_{\theta}\mathcal{R}_{\alpha i\beta}\partial^{\theta}\mathcal{R}^{\alpha \beta i}+4t_{1}\mathcal{R}_{i\theta \alpha}\partial^{\theta}f^{\alpha i}+4t_{2}\mathcal{R}_{i\theta \alpha}\partial^{\theta}f^{\alpha i}-4t_{1}\partial_{\alpha}f_{i\theta}\partial^{\theta}f^{\alpha i}+2t_{2}\partial_{\alpha}f_{i\theta}\partial^{\theta}f^{\alpha i}-4t_{2}\partial_{\alpha}f_{i\theta}\partial^{\theta}f^{\alpha i}+2t_{2}\partial_{\alpha}f_{i\theta}\partial^{\theta}f^{\alpha i}-4t_{2}\partial_{\alpha}f_{i\theta}\partial^{\theta}f^{\alpha i}-4t_{2}\partial_{\alpha}f^{\alpha i}\partial^{\theta}f^{\alpha i$

 $4t_1\partial_{\alpha}f_{\theta_i}\partial^{\theta}f^{\alpha_i} - t_2\partial_{\alpha}f_{\theta_i}\partial^{\theta}f^{\alpha_i} + 2t_1\partial_{\alpha}f_{\alpha\theta}\partial^{\theta}f^{\alpha_i} - t_2\partial_{\alpha}f_{\alpha\theta}\partial^{\theta}f^{\alpha_i} + 4t_1\partial_{\theta}f_{\alpha_i}\partial^{\theta}f^{\alpha_i} + t_2\partial_{\theta}f_{\alpha_i}\partial^{\theta}f^{\alpha_i} + 2t_1\partial_{\theta}f_{\alpha_i}\partial^{\theta}f^{\alpha_i} - t_2\partial_{\theta}f_{\alpha_i}\partial^{\theta}f^{\alpha_i} + 2t_1\partial_{\theta}f_{\alpha_i}\partial^{\theta}f^{\alpha_i} - t_2\partial_{\theta}f_{\alpha_i}\partial^{\theta}f^{\alpha_i} - t_2\partial_{\theta}f^{\alpha_i}\partial^{\theta}f^{\alpha_i} - t$

 $t_{2} \frac{\partial_{\theta} f_{,\alpha}}{\partial_{\theta} f_{,\alpha}} \frac{\partial^{\theta} f^{\alpha i}}{\partial_{\theta} f_{,\alpha}} + 2 \frac{\partial_{\theta} f^{\alpha$

Wave operator



 $-\frac{i \sqrt{2} k (t_1 - 2 t_2)}{3 (1 + k^2) t_1 t_2} - \frac{i k (t_1 + 4 t_2)}{3 (1 + k^2)^2 t_1 t_2} - \frac{k^2 (t_1 + 4 t_2)}{3 (1 + k^2)^2 t_1 t_2}$

 $^{1}\sigma^{\parallel}\dagger^{\alpha}$

 $\frac{1}{2}\tau^{\parallel} + \alpha$

 $\frac{1}{\tau}$ τ^{\perp} τ^{α}

$-\frac{i\sqrt{2}k}{(1+2k^2)^2t_1} - \frac{2k^2}{(1+2k^2)^2t_1}$

 $0.^{+}\tau^{\perp}$ †

⁰. σ^{||} †

	$2^{+}\tau^{\parallel} + \frac{\alpha\beta}{(1+2k^{2})^{2}t_{1}}$	$\frac{1}{(1+2k^2)^2t_1}$ 0
	$2 \cdot \sigma^{\parallel} + \alpha^{\beta \chi}$ 0	$0 \qquad \frac{2}{2 k^2 r_1 + t_1}$
Source constra	ints	
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
$-2 \bar{\imath} k^{0,+} \sigma^{\parallel} + {}^{0,+} \tau^{\parallel} == 0$	$\partial_{\beta}\partial_{\alpha}\tau \left(\Delta + \mathcal{K}\right)^{\alpha\beta} == \partial_{\beta}\partial^{\beta}\tau \left(\Delta + \mathcal{K}\right)^{\alpha}_{\alpha} + 2\partial_{\chi}\partial^{\chi}\partial_{\beta}\sigma^{\alpha}_{\alpha}^{\beta}$	1
$\frac{1}{2ik} \frac{1}{\sigma^{\perp}} \sigma^{\perp} + \frac{1}{\tau^{\perp}} \tau^{\perp} = 0$	$\partial_{\chi}\partial_{\beta}\partial^{\alpha}\tau \left(\Delta + \mathcal{K}\right)^{\beta\chi} == \partial_{\chi}\partial^{\chi}\partial_{\beta}\tau \left(\Delta + \mathcal{K}\right)^{\alpha\beta} + 2\partial_{\delta}\partial^{\delta}\partial_{\chi}\partial_{\beta}\sigma^{\beta\alpha\chi}$	3
$\frac{1}{\tau} \eta^{\alpha} == 0$	$\partial_{\chi}\partial_{\beta}\partial^{\alpha}\tau\left(\Delta+\mathcal{K}\right)^{\beta\chi}==\partial_{\chi}\partial^{\chi}\partial_{\beta}\tau\left(\Delta+\mathcal{K}\right)^{\beta\alpha}$	3
$\bar{l} k \stackrel{1^+}{\cdot} \sigma^{\perp}{}^{\alpha\beta} + \stackrel{1^+}{\cdot} {}^{\parallel}{}^{\alpha\beta} == 0$	$\partial_{\chi}\partial^{\alpha}\tau(\Delta+\mathcal{K})^{\beta\chi} + \partial_{\chi}\partial^{\beta}\tau(\Delta+\mathcal{K})^{\chi\alpha} + \partial_{\chi}\partial^{\chi}\tau(\Delta+\mathcal{K})^{\alpha\beta} + 2\partial_{\delta}\partial_{\chi}\partial^{\alpha}\sigma^{\chi\beta\delta} + 2\partial_{\delta}\partial^{\delta}\partial_{\chi}\sigma^{\chi\alpha\beta} = =$	3
	$\partial_{\chi}\partial^{\alpha}\tau \left(\Delta + \mathcal{K}\right)^{\chi\beta} + \partial_{\chi}\partial^{\beta}\tau \left(\Delta + \mathcal{K}\right)^{\alpha\chi} + \partial_{\chi}\partial^{\chi}\tau \left(\Delta + \mathcal{K}\right)^{\beta\alpha} + 2\partial_{\delta}\partial_{\chi}\partial^{\beta}\sigma^{\chi\alpha\delta}$	
$-2 i k 2^{+}_{\cdot} \sigma^{\parallel^{\alpha\beta}} + 2^{+}_{\cdot} \tau^{\parallel^{\alpha\beta}} = 0$	$-i\left(4\partial_{\delta}\partial_{\chi}\partial^{\beta}\partial^{\alpha}\tau(\Delta+\mathcal{K})^{\chi\delta}+2\partial_{\delta}\partial^{\delta}\partial^{\beta}\partial^{\alpha}\tau(\Delta+\mathcal{K})^{\chi}_{\ \chi}-3\partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\alpha}\tau(\Delta+\mathcal{K})^{\beta\chi}-3\partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\alpha}\tau(\Delta+\mathcal{K})^{\chi\beta}-2\partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\alpha}\tau(\Delta+\mathcal{K})^{\chi\beta}$	5
	$3\partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\beta}\tau(\Delta+\mathcal{K})^{\alpha\chi}-3\partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\beta}\tau(\Delta+\mathcal{K})^{\chi\alpha}+3\partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\chi}\tau(\Delta+\mathcal{K})^{\alpha\beta}+3\partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\chi}\tau(\Delta+\mathcal{K})^{\beta\alpha}+$	
	$4 i k^{\chi} \partial_{\epsilon} \partial_{\chi} \partial^{\beta} \partial^{\alpha} \sigma^{\delta}_{\delta}^{\epsilon} - 6 i k^{\chi} \partial_{\epsilon} \partial_{\delta} \partial_{\chi} \partial^{\alpha} \sigma^{\delta \beta \epsilon} - 6 i k^{\chi} \partial_{\epsilon} \partial_{\delta} \partial_{\chi} \partial^{\beta} \sigma^{\delta \alpha \epsilon} + 6 i k^{\chi} \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial_{\chi} \sigma^{\alpha \beta \delta} +$	

 $6 \ \emph{i} \ \emph{k}^{\chi} \ \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial_{\chi} \sigma^{\beta \alpha \delta} + 2 \ \eta^{\alpha \beta} \ \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial_{\chi} \tau (\Delta + \mathcal{K})^{\chi \delta} - 2 \ \eta^{\alpha \beta} \ \partial_{\epsilon} \partial^{\epsilon} \partial_{\delta} \partial^{\delta} \tau (\Delta + \mathcal{K})^{\chi}_{\chi} - 4 \ \emph{i} \ \eta^{\alpha \beta} \ \emph{k}^{\chi} \ \partial_{\phi} \partial^{\phi} \partial_{\epsilon} \partial_{\chi} \sigma^{\delta}_{\ \delta}{}^{\epsilon}) == 0$

0

0

 $\frac{1}{t_1 + 2 k^2 t_1}$

 $-\frac{i\sqrt{2}k(2k^2r_1+t_1)}{(t_1+2k^2t_1)^2}$ 0

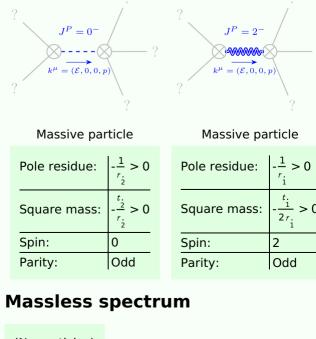
0

 $\frac{2 k^2 (2 k^2 r_1 + t_1)}{(t_1 + 2 k^2 t_1)^2}$

16

Massive spectrum

Total expected gauge generators:



(No particles)

Unitarity conditions $r_{2} < 0 \&\& t_{2} > 0 \&\& r_{1} < 0 \&\& t_{1} > 0$