PSALTer results panel

$$S == \int\int\int\int \left(\frac{1}{6}\left(6\, t_{1.}\, \mathcal{A}^{\alpha\,\prime}{}_{\alpha}\, \mathcal{A}_{\prime}{}^{\theta}{}_{\theta} + 6\, \mathcal{A}^{\alpha\beta\chi}\, \sigma_{\alpha\beta\chi} + 6\, f^{\alpha\beta}\, \tau\,(\Delta+\mathcal{K})_{\alpha\beta} - 12\, t_{1.}\, \mathcal{A}_{\alpha}{}^{\theta}{}_{\theta}\, \partial_{\prime} f^{\alpha\,\prime} - 12\, r_{1.}\, \partial_{\beta}\mathcal{A}_{\prime}{}^{\theta}{}_{\theta}\, \partial^{\prime}\mathcal{A}^{\alpha\beta}{}_{\alpha} + 12\, r_{1.}\, \partial_{\prime}\mathcal{A}_{\beta}{}^{\theta}{}_{\theta}\, \partial^{\prime}\mathcal{A}^{\alpha\beta}{}_{\alpha} + \right.$$
$$12\, t_{1.}\, \mathcal{A}_{\prime}{}^{\theta}{}_{\theta}\, \partial^{\prime} f^{\alpha}{}_{\alpha} - 6\, t_{1.}\, \partial_{\prime} f^{\theta}{}_{\theta}\, \partial^{\prime} f^{\alpha}{}_{\alpha} + 12\, r_{1.}\, \partial_{\alpha}\mathcal{A}^{\alpha\beta\,\prime}\, \partial_{\theta}\mathcal{A}_{\beta}{}^{\theta}{}_{\prime} - 24\, r_{1.}\, \partial^{\prime}\mathcal{A}^{\alpha\beta}{}_{\alpha}\, \partial_{\theta}\mathcal{A}_{\beta}{}^{\theta}{}_{\prime} - 12\, r_{1.}\, \partial_{\alpha}\mathcal{A}^{\alpha\beta\,\prime}\, \partial_{\theta}\mathcal{A}_{\prime}{}^{\theta}{}_{\beta} + 24\, r_{1.}\, \partial^{\prime}\mathcal{A}^{\alpha\beta}{}_{\alpha}\, \partial_{\theta}\mathcal{A}_{\prime}{}^{\theta}{}_{\beta} -$$
$$6\, t_{1.}\, \partial_{\prime} f^{\alpha\,\prime}\, \partial_{\theta} f_{\alpha}{}^{\theta} + 12\, t_{1.}\, \partial^{\prime} f^{\alpha}{}_{\alpha}\, \partial_{\theta} f_{\prime}{}^{\theta} - 8\, r_{1.}\, \partial_{\beta}\mathcal{A}_{\alpha\,\prime\,\theta}\, \partial^{\theta}\mathcal{A}^{\alpha\beta\,\prime} + 8\, r_{2.}\, \partial_{\beta}\mathcal{A}_{\alpha\,\prime\,\theta}\, \partial^{\theta}\mathcal{A}^{\alpha\beta\,\prime} + 4\, r_{1.}\, \partial_{\beta}\mathcal{A}_{\alpha\theta\,\prime}\, \partial^{\theta}\mathcal{A}^{\alpha\beta\,\prime} - 4\, r_{2.}\, \partial_{\beta}\mathcal{A}_{\alpha\theta\,\prime}\, \partial^{\theta}\mathcal{A}^{\alpha\beta\,\prime} -$$
$$16\, r_{1.}\, \partial_{\beta}\mathcal{A}_{\prime\,\theta\alpha}\, \partial^{\theta}\mathcal{A}^{\alpha\beta\,\prime} + 4\, r_{2.}\, \partial_{\beta}\mathcal{A}_{\prime\,\theta\alpha}\, \partial^{\theta}\mathcal{A}^{\alpha\beta\,\prime} - 4\, r_{1.}\, \partial_{\prime}\mathcal{A}_{\alpha\beta\theta}\, \partial^{\theta}\mathcal{A}^{\alpha\beta\,\prime} - 2\, r_{2.}\, \partial_{\prime}\mathcal{A}_{\alpha\beta\theta}\, \partial^{\theta}\mathcal{A}^{\alpha\beta\,\prime} + 4\, r_{1.}\, \partial_{\theta}\mathcal{A}_{\alpha\beta\,\prime}\, \partial^{\theta}\mathcal{A}^{\alpha\beta\,\prime} + 2\, r_{2.}\, \partial_{\theta}\mathcal{A}_{\alpha\beta\,\prime}\, \partial^{\theta}\mathcal{A}^{\alpha\beta\,\prime} +$$
$$4\, r_{1.}\, \partial_{\theta}\mathcal{A}_{\alpha\,\prime\,\beta}\, \partial^{\theta}\mathcal{A}^{\alpha\beta\,\prime} - 4\, r_{2.}\, \partial_{\theta}\mathcal{A}_{\alpha\,\prime\,\beta}\, \partial^{\theta}\mathcal{A}^{\alpha\beta\,\prime} + 4\, t_{1.}\, \mathcal{A}_{\prime\,\theta\alpha}\, \partial^{\theta} f^{\alpha\,\prime} + 4\, t_{2.}\, \mathcal{A}_{\prime\,\theta\alpha}\, \partial^{\theta} f^{\alpha\,\prime} - 4\, t_{1.}\, \partial_{\alpha} f_{\prime\,\theta}\, \partial^{\theta} f^{\alpha\,\prime} + 2\, t_{2.}\, \partial_{\alpha} f_{\prime\,\theta}\, \partial^{\theta} f^{\alpha\,\prime} -$$
$$4\, t_{1.}\, \partial_{\alpha} f_{\theta\,\prime}\, \partial^{\theta} f^{\alpha\,\prime} - t_{2.}\, \partial_{\alpha} f_{\theta\,\prime}\, \partial^{\theta} f^{\alpha\,\prime} + 2\, t_{1.}\, \partial_{\prime} f_{\alpha\theta}\, \partial^{\theta} f^{\alpha\,\prime} - t_{2.}\, \partial_{\prime} f_{\alpha\theta}\, \partial^{\theta} f^{\alpha\,\prime} + 4\, t_{1.}\, \partial_{\theta} f_{\alpha\,\prime}\, \partial^{\theta} f^{\alpha\,\prime} + t_{2.}\, \partial_{\theta} f_{\alpha\,\prime}\, \partial^{\theta} f^{\alpha\,\prime} + 2\, t_{1.}\, \partial_{\theta} f_{\prime\,\alpha}\, \partial^{\theta} f^{\alpha\,\prime} -$$
$$\left.\left.t_{2.}\, \partial_{\theta} f_{\prime\,\alpha}\, \partial^{\theta} f^{\alpha\,\prime} + 2\left(t_{1.} + t_{2.}\right) \mathcal{A}_{\alpha\,\prime\,\theta}\left(\mathcal{A}^{\alpha\,\prime\,\theta} + 2\,\partial^{\theta} f^{\alpha\,\prime}\right) + 2\, \mathcal{A}_{\alpha\theta\,\prime}\left(\left(t_{1.} - 2\, t_{2.}\right) \mathcal{A}^{\alpha\,\prime\,\theta} + 2\left(2\, t_{1.} - t_{2.}\right) \partial^{\theta} f^{\alpha\,\prime}\right)\right)\right)[t,\, x,\, y,\, z]\, dz\, dy\, dx\, dt$$

Wave operator

	$\overset{0^+}{\cdot}\mathcal{A}^{\parallel}$	$\overset{0^+}{\cdot}f^{\parallel}$	$\overset{0^+}{\cdot}f^{\perp}$	$\overset{0^-}{\cdot}\mathcal{A}^{\parallel}$
$\overset{0^+}{\cdot}\mathcal{A}^{\parallel}\,\dagger$	$-t_{1.}$	$i\sqrt{2}\,k\,t_{1.}$	0	0
$\overset{0^+}{\cdot}f^{\parallel}\,\dagger$	$-i\sqrt{2}\,k\,t_{1.}$	$-2\,k^2\,t_{1.}$	0	0
$\overset{0^+}{\cdot}f^{\perp}\,\dagger$	0	0	0	0
$\overset{0^-}{\cdot}\mathcal{A}^{\parallel}\,\dagger$	0	0	0	$k^2\,r_{2.} + t_{2.}$

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

	$\overset{2^+}{\cdot}\mathcal{A}^{\parallel}{}_{\alpha\beta}$	$\overset{2^+}{\cdot}f^{\parallel}{}_{\alpha\beta}$	$\overset{2^-}{\cdot}\mathcal{A}^{\parallel}{}_{\alpha\beta\chi}$
$\overset{2^+}{\cdot}\mathcal{A}^{\parallel}\,\dagger^{\alpha\beta}$	$\frac{t_{1.}}{2}$	$-\frac{i\,k\,t_{1.}}{\sqrt{2}}$	0
$\overset{2^+}{\cdot}f^{\parallel}\,\dagger^{\alpha\beta}$	$\frac{i\,k\,t_{1.}}{\sqrt{2}}$	$k^2\,t_{1.}$	0
$\overset{2^-}{\cdot}\mathcal{A}^{\parallel}\,\dagger^{\alpha\beta\chi}$	0	0	$k^2\,r_{1.} + \frac{t_{1.}}{2}$

Saturated propagator

	$\overset{0^+}{\cdot}\sigma^{\parallel}$	$\overset{0^+}{\cdot}\tau^{\parallel}$	$\overset{0^+}{\cdot}\tau^{\perp}$	$\overset{0^-}{\cdot}\sigma^{\parallel}$
$\overset{0^+}{\cdot}\sigma^{\parallel}\,\dagger$	$-\frac{1}{\left(1+2\,k^2\right)^2 t_{1.}}$	$\frac{i\sqrt{2}\,k}{\left(1+2\,k^2\right)^2 t_{1.}}$	0	0
$\overset{0^+}{\cdot}\tau^{\parallel}\,\dagger$	$-\frac{i\sqrt{2}\,k}{\left(1+2\,k^2\right)^2 t_{1.}}$	$-\frac{2\,k^2}{\left(1+2\,k^2\right)^2 t_{1.}}$	0	0
$\overset{0^+}{\cdot}\tau^{\perp}\,\dagger$	0	0	0	0
$\overset{0^-}{\cdot}\sigma^{\parallel}\,\dagger$	0	0	0	$\frac{1}{k^2\,r_{2.} + t_{2.}}$

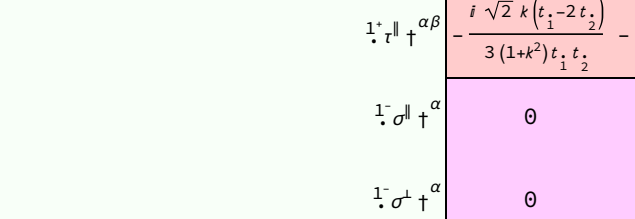
	$\overset{1^+}{\cdot}\sigma^{\parallel}{}_{\alpha\beta}$	$\overset{1^+}{\cdot}\sigma^{\perp}{}_{\alpha\beta}$	$\overset{1^+}{\cdot}\tau^{\parallel}{}_{\alpha\beta}$	$\overset{1^-}{\cdot}\sigma^{\parallel}{}_{\alpha}$	$\overset{1^-}{\cdot}\sigma^{\perp}{}_{\alpha}$	$\overset{1^-}{\cdot}\tau^{\parallel}{}_{\alpha}$	$\overset{1^-}{\cdot}\tau^{\perp}{}_{\alpha}$
$\overset{1^+}{\cdot}\sigma^{\parallel}\,\dagger^{\alpha\beta}$	$\frac{2\left(t_{1.} + t_{2.}\right)}{3\,t_{1.}\,t_{2.}}$	$\frac{\sqrt{2}\left(t_{1.} - 2\,t_{2.}\right)}{3\left(1+k^2\right) t_{1.}\,t_{2.}}$	$\frac{i\sqrt{2}\,k\left(t_{1.} - 2\,t_{2.}\right)}{3\left(1+k^2\right) t_{1.}\,t_{2.}}$	0	0	0	0
$\overset{1^+}{\cdot}\sigma^{\perp}\,\dagger^{\alpha\beta}$	$\frac{\sqrt{2}\left(t_{1.} - 2\,t_{2.}\right)}{3\left(1+k^2\right) t_{1.}\,t_{2.}}$	$\frac{t_{1.} + 4\,t_{2.}}{3\left(1+k^2\right)^2 t_{1.}\,t_{2.}}$	$\frac{i\,k\left(t_{1.} + 4\,t_{2.}\right)}{3\left(1+k^2\right)^2 t_{1.}\,t_{2.}}$	0	0	0	0
$\overset{1^+}{\cdot}\tau^{\parallel}\,\dagger^{\alpha\beta}$	$-\frac{i\sqrt{2}\,k\left(t_{1.} - 2\,t_{2.}\right)}{3\left(1+k^2\right) t_{1.}\,t_{2.}}$	$-\frac{i\,k\left(t_{1.} + 4\,t_{2.}\right)}{3\left(1+k^2\right)^2 t_{1.}\,t_{2.}}$	$\frac{k^2\left(t_{1.} + 4\,t_{2.}\right)}{3\left(1+k^2\right)^2 t_{1.}\,t_{2.}}$	0	0	0	0
$\overset{1^-}{\cdot}\sigma^{\parallel}\,\dagger^{\alpha}$	0	0	0	0	$\frac{\sqrt{2}}{t_{1.} + 2\,k^2\,t_{1.}}$	0	$\frac{2\,i\,k}{t_{1.} + 2\,k^2\,t_{1.}}$
$\overset{1^-}{\cdot}\sigma^{\perp}\,\dagger^{\alpha}$	0	0	0	$\frac{\sqrt{2}}{t_{1.} + 2\,k^2\,t_{1.}}$	$\frac{2\,k^2\,r_{1.} + t_{1.}}{\left(t_{1.} + 2\,k^2\,t_{1.}\right)^2}$	0	$\frac{i\sqrt{2}\,k\left(2\,k^2\,r_{1.} + t_{1.}\right)}{\left(t_{1.} + 2\,k^2\,t_{1.}\right)^2}$
$\overset{1^-}{\cdot}\tau^{\parallel}\,\dagger^{\alpha}$	0	0	0	0	0	0	0
$\overset{1^-}{\cdot}\tau^{\perp}\,\dagger^{\alpha}$	0	0	0	$-\frac{2\,i\,k}{t_{1.} + 2\,k^2\,t_{1.}}$	$-\frac{i\sqrt{2}\,k\left(2\,k^2\,r_{1.} + t_{1.}\right)}{\left(t_{1.} + 2\,k^2\,t_{1.}\right)^2}$	0	$\frac{2\,k^2\left(2\,k^2\,r_{1.} + t_{1.}\right)}{\left(t_{1.} + 2\,k^2\,t_{1.}\right)^2}$

	$\overset{2^+}{\cdot}\sigma^{\parallel}{}_{\alpha\beta}$	$\overset{2^+}{\cdot}\tau^{\parallel}{}_{\alpha\beta}$	$\overset{2^-}{\cdot}\sigma^{\parallel}{}_{\alpha\beta\chi}$
$\overset{2^+}{\cdot}\sigma^{\parallel}\,\dagger^{\alpha\beta}$	$\frac{2}{\left(1+2\,k^2\right)^2 t_{1.}}$	$-\frac{2\,i\sqrt{2}\,k}{\left(1+2\,k^2\right)^2 t_{1.}}$	0
$\overset{2^+}{\cdot}\tau^{\parallel}\,\dagger^{\alpha\beta}$	$\frac{2\,i\sqrt{2}\,k}{\left(1+2\,k^2\right)^2 t_{1.}}$	$\frac{4\,k^2}{\left(1+2\,k^2\right)^2 t_{1.}}$	0
$\overset{2^-}{\cdot}\sigma^{\parallel}\,\dagger^{\alpha\beta\chi}$	0	0	$\frac{2}{2\,k^2\,r_{1.} + t_{1.}}$

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

Massive spectrum



Massive particle

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

Massive particle

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

Massless spectrum

(No particles)

Unitarity conditions

$r_{2.} < 0 \;\&\&\; t_{2.} > 0 \;\&\&\; r_{1.} < 0 \;\&\&\; t_{1.} > 0$