PSALTer results panel

$$\mathcal{S} == \int\int\int\int \left(\frac{1}{4}\left(2\,a_{0}\,\mathcal{A}^{\alpha\ \beta}_{\ \alpha}\,\mathcal{A}^{\chi}_{\ \beta\chi} + \mathcal{A}^{\alpha\beta\chi}\left(-2\,a_{0}\,\mathcal{A}_{\beta\chi\alpha} + 4\,\mathcal{W}_{\alpha\beta\chi}\right) + 4\,\mathcal{T}^{\alpha\beta}\,h_{\alpha\beta} - a_{0}\,h^{\chi}_{\ \chi}\,\partial_{\beta}\mathcal{A}^{\alpha\ \beta}_{\ \alpha} + a_{0}\,h^{\chi}_{\ \chi}\,\partial_{\beta}\mathcal{A}^{\alpha\beta}_{\ \ \alpha} - 2\,a_{0}\,h_{\alpha\chi}\,\partial_{\beta}\mathcal{A}^{\alpha\beta\chi} + 2\,a_{0}\,h_{\beta\chi}\,\partial^{\chi}\mathcal{A}^{\alpha\ \beta}_{\ \alpha} + c_{2}\,\partial_{\beta}\mathcal{A}^{\delta}_{\ \delta\chi}\,\partial^{\chi}\mathcal{A}^{\alpha\ \beta}_{\ \alpha} - c_{2}\,\partial_{\chi}\mathcal{A}^{\delta}_{\ \delta\beta}\,\partial^{\chi}\mathcal{A}^{\alpha\ \beta}_{\ \alpha} - c_{2}\,\partial_{\beta}\mathcal{A}^{\alpha\beta\chi}\,\partial_{\delta}\mathcal{A}^{\ \delta}_{\alpha\ \chi} - 2\,c_{2}\,\partial^{\chi}\mathcal{A}^{\alpha\ \beta}_{\ \alpha}\,\partial_{\delta}\mathcal{A}^{\ \delta}_{\beta\ \chi} + c_{2}\,\partial_{\beta}\mathcal{A}^{\alpha\beta\chi}\,\partial_{\delta}\mathcal{A}^{\ \delta}_{\chi\ \alpha} + 2\,c_{2}\,\partial^{\chi}\mathcal{A}^{\alpha\ \beta}_{\ \alpha}\,\partial_{\delta}\mathcal{A}^{\ \delta}_{\chi\ \beta}\right)\right)[t, x, y, z]\,dz\,dy\,dx\,dt$$

Wave operator

	$0^+_{\perp}h^{\perp}$	$0^+_{\perp}h^{\parallel}$	$0^+_{\perp}\mathcal{A}_{a}^{\parallel}$	$0^+_{\perp}\mathcal{A}_{s}^{\perp t}$	$0^+_{\perp}\mathcal{A}_{s}^{\parallel}$	$0^+_{\perp}\mathcal{A}_{s}^{\perp h}$	$0^-_{\perp}\mathcal{A}_{a}^{\parallel}$
$0^+_{\perp}h^{\perp}\,\dagger$	0	0	0	0	$\frac{i\,a_{0}\,k}{4}$	$-\frac{i\,a_{0}\,k}{4\sqrt{2}}$	0
$0^+_{\perp}h^{\parallel}\,\dagger$	0	0	$\frac{i\,a_{0}\,k}{2\sqrt{2}}$	0	$-\frac{i\,a_{0}\,k}{4\sqrt{3}}$	$\frac{i\,a_{0}\,k}{4\sqrt{6}}$	0
$0^+_{\perp}\mathcal{A}_{a}^{\parallel}\,\dagger$	0	$-\frac{i\,a_{0}\,k}{2\sqrt{2}}$	$-\frac{a_{0}}{2}$	0	0	0	0
$0^+_{\perp}\mathcal{A}_{s}^{\perp t}\,\dagger$	0	0	0	0	$\frac{a_{0}}{2}$	$-\frac{a_{0}}{2\sqrt{2}}$	0
$0^+_{\perp}\mathcal{A}_{s}^{\parallel}\,\dagger$	$-\frac{1}{4}\,i\,a_{0}\,k$	$\frac{i\,a_{0}\,k}{4\sqrt{3}}$	0	$\frac{a_{0}}{2}$	0	$-\frac{a_{0}}{2\sqrt{2}}$	0
$0^+_{\perp}\mathcal{A}_{s}^{\perp h}\,\dagger$	$\frac{i\,a_{0}\,k}{4\sqrt{2}}$	$-\frac{i\,a_{0}\,k}{4\sqrt{6}}$	0	$-\frac{a_{0}}{2\sqrt{2}}$	$-\frac{a_{0}}{2\sqrt{2}}$	$\frac{a_{0}}{2}$	0
$0^-_{\perp}\mathcal{A}_{a}^{\parallel}\,\dagger$	0	0	0	0	0	0	$-\frac{a_{0}}{2}$

	$1^+_{\perp}\mathcal{A}_{a}^{\parallel}{}_{\alpha\beta}$	$1^+_{\perp}\mathcal{A}_{a}^{\perp}{}_{\alpha\beta}$	$1^+_{\perp}\mathcal{A}_{s}^{\perp}{}_{\alpha\beta}$	$1^-_{\perp}h^{\perp}{}_{\alpha}$	$1^-_{\perp}\mathcal{A}_{a}^{\parallel}{}_{\alpha}$	$1^-_{\perp}\mathcal{A}_{a}^{\perp}{}_{\alpha}$	$1^-_{\perp}\mathcal{A}_{s}^{\perp t}{}_{\alpha}$	$1^-_{\perp}\mathcal{A}_{s}^{\parallel t}{}_{\alpha}$	$1^-_{\perp}\mathcal{A}_{s}^{\perp h}{}_{\alpha}$	$1^-_{\perp}\mathcal{A}_{s}^{\parallel h}{}_{\alpha}$
$1^+_{\perp}\mathcal{A}_{a}^{\parallel}\,\dagger^{\alpha\beta}$	$\frac{1}{4}\left(-a_{0} - c_{2}\,k^{2}\right)$	$-\frac{a_{0}}{2\sqrt{2}}$	$-\frac{c_{2}\,k^{2}}{4}$	0	0	0	0	0	0	0
$1^+_{\perp}\mathcal{A}_{a}^{\perp}\,\dagger^{\alpha\beta}$	$-\frac{a_{0}}{2\sqrt{2}}$	0	0	0	0	0	0	0	0	0
$1^+_{\perp}\mathcal{A}_{s}^{\perp}\,\dagger^{\alpha\beta}$	$-\frac{c_{2}\,k^{2}}{4}$	0	$\frac{1}{4}\left(a_{0} - c_{2}\,k^{2}\right)$	0	0	0	0	0	0	0
$1^-_{\perp}h^{\perp}\,\dagger^{\alpha}$	0	0	0	0	$\frac{i\,a_{0}\,k}{4\sqrt{2}}$	0	$-\frac{i\,a_{0}\,k}{4\sqrt{6}}$	$\frac{1}{4}\,i\,\sqrt{\frac{5}{6}}\,a_{0}\,k$	$-\frac{i\,a_{0}\,k}{4\sqrt{3}}$	$-\frac{i\,a_{0}\,k}{4\sqrt{6}}$
$1^-_{\perp}\mathcal{A}_{a}^{\parallel}\,\dagger^{\alpha}$	0	0	0	$-\frac{i\,a_{0}\,k}{4\sqrt{2}}$	$\frac{1}{4}\left(-a_{0} - c_{2}\,k^{2}\right)$	$\frac{a_{0}}{2\sqrt{2}}$	$-\frac{c_{2}\,k^{2}}{4\sqrt{3}}$	$-\frac{1}{4}\,\sqrt{\frac{5}{3}}\,c_{2}\,k^{2}$	$-\frac{c_{2}\,k^{2}}{2\sqrt{6}}$	$\frac{c_{2}\,k^{2}}{4\sqrt{3}}$
$1^-_{\perp}\mathcal{A}_{a}^{\perp}\,\dagger^{\alpha}$	0	0	0	0	$\frac{a_{0}}{2\sqrt{2}}$	0	0	0	0	0
$1^-_{\perp}\mathcal{A}_{s}^{\perp t}\,\dagger^{\alpha}$	0	0	0	$\frac{i\,a_{0}\,k}{4\sqrt{6}}$	$-\frac{c_{2}\,k^{2}}{4\sqrt{3}}$	0	$\frac{1}{12}\left(-4\,a_{0} - c_{2}\,k^{2}\right)$	$\frac{1}{12}\,\sqrt{5}\left(2\,a_{0} - c_{2}\,k^{2}\right)$	$-\frac{a_{0}+c_{2}\,k^{2}}{6\sqrt{2}}$	$\frac{1}{12}\left(-2\,a_{0} + c_{2}\,k^{2}\right)$
$1^-_{\perp}\mathcal{A}_{s}^{\parallel t}\,\dagger^{\alpha}$	0	0	0	$-\frac{1}{4}\,i\,\sqrt{\frac{5}{6}}\,a_{0}\,k - \frac{1}{4}\,\sqrt{\frac{5}{3}}\,c_{2}\,k^{2}$	0	$\frac{1}{12}\,\sqrt{5}\left(2\,a_{0} - c_{2}\,k^{2}\right)$	$\frac{1}{12}\left(4\,a_{0} - 5\,c_{2}\,k^{2}\right)$	$-\frac{1}{6}\,\sqrt{\frac{5}{2}}\left(a_{0} + c_{2}\,k^{2}\right)$	$\frac{1}{12}\,\sqrt{5}\left(-2\,a_{0} + c_{2}\,k^{2}\right)$	
$1^-_{\perp}\mathcal{A}_{s}^{\perp h}\,\dagger^{\alpha}$	0	0	0	$\frac{i\,a_{0}\,k}{4\sqrt{3}}$	$-\frac{c_{2}\,k^{2}}{2\sqrt{6}}$	0	$-\frac{a_{0}+c_{2}\,k^{2}}{6\sqrt{2}}$	$-\frac{1}{6}\,\sqrt{\frac{5}{2}}\left(a_{0} + c_{2}\,k^{2}\right)$	$\frac{1}{6}\left(2\,a_{0} - c_{2}\right)$	$\frac{a_{0}+c_{2}\,k^{2}}{6\sqrt{2}}$
$1^-_{\perp}\mathcal{A}_{s}^{\parallel h}\,\dagger^{\alpha}$	0	0	0	$\frac{i\,a_{0}\,k}{4\sqrt{6}}$	$\frac{c_{2}\,k^{2}}{4\sqrt{3}}$	0	$\frac{1}{12}\left(-2\,a_{0} + c_{2}\,k^{2}\right)$	$\frac{1}{12}\,\sqrt{5}\left(-2\,a_{0} + c_{2}\,k^{2}\right)$	$\frac{a_{0}+c_{2}\,k^{2}}{6\sqrt{2}}$	$\frac{1}{12}\left(5\,a_{0} - c_{2}\,k^{2}\right)$

	$2^+_{\perp}h^{\parallel}{}_{\alpha\beta}$	$2^+_{\perp}\mathcal{A}_{a}^{\parallel}{}_{\alpha\beta}$	$2^+_{\perp}\mathcal{A}_{s}^{\parallel}{}_{\alpha\beta}$	$2^+_{\perp}\mathcal{A}_{s}^{\perp}{}_{\alpha\beta}$	$2^-_{\perp}\mathcal{A}_{a}^{\parallel}{}_{\alpha\beta\chi}$	$2^-_{\perp}\mathcal{A}_{s}^{\parallel}{}_{\alpha\beta\chi}$
$2^+_{\perp}h^{\parallel}\,\dagger^{\alpha\beta}$	0	$-\frac{i\,a_{0}\,k}{4\sqrt{2}}$	$-\frac{i\,a_{0}\,k}{4\sqrt{3}}$	$\frac{i\,a_{0}\,k}{4\sqrt{6}}$	0	0
$2^+_{\perp}\mathcal{A}_{a}^{\parallel}\,\dagger^{\alpha\beta}$	$\frac{i\,a_{0}\,k}{4\sqrt{2}}$	$\frac{a_{0}}{4}$	0	0	0	0
$2^+_{\perp}\mathcal{A}_{s}^{\parallel}\,\dagger^{\alpha\beta}$	$\frac{i\,a_{0}\,k}{4\sqrt{3}}$	0	$-\frac{a_{0}}{2}$	0	0	0
$2^+_{\perp}\mathcal{A}_{s}^{\perp}\,\dagger^{\alpha\beta}$	$-\frac{i\,a_{0}\,k}{4\sqrt{6}}$	0	0	$\frac{a_{0}}{4}$	0	0
$2^-_{\perp}\mathcal{A}_{a}^{\parallel}\,\dagger^{\alpha\beta\chi}$	0	0	0	0	$\frac{a_{0}}{4}$	0
$2^-_{\perp}\mathcal{A}_{s}^{\parallel}\,\dagger^{\alpha\beta\chi}$	0	0	0	0	0	$\frac{a_{0}}{4}$

	$3^-_{\perp}\mathcal{A}_{s}^{\parallel}{}_{\alpha\beta\chi}$
$3^-_{\perp}\mathcal{A}_{s}^{\parallel}\,\dagger^{\alpha\beta\chi}$	$-\frac{a_{0}}{2}$

Saturated propagator

	$0^+_{\perp}\mathcal{T}^{\perp}$	$0^+_{\perp}\mathcal{T}^{\parallel}$	$0^+_{\perp}\mathcal{W}_{a}^{\parallel}$	$0^+_{\perp}\mathcal{W}_{s}^{\perp t}$	$0^+_{\perp}\mathcal{W}_{s}^{\parallel}$	$0^+_{\perp}\mathcal{W}_{s}^{\perp h}$	$0^-_{\perp}\mathcal{W}_{a}^{\parallel}$
$0^+_{\perp}\mathcal{T}^{\perp}\,\dagger$	$-\frac{36\,k^{2}}{a_{0}\left(16+3\,k^{2}\right)^{2}}$	$\frac{4\sqrt{3}}{16\,a_{0}+3\,a_{0}\,k^{2}}$	$\frac{2\,i\,\sqrt{6}\,k}{16\,a_{0}+3\,a_{0}\,k^{2}}$	$-\frac{72\,i\,k}{a_{0}\left(16+3\,k^{2}\right)^{2}}$	$\frac{8\,i\,k\left(19+3\,k^{2}\right)}{a_{0}\left(16+3\,k^{2}\right)^{2}}$	$-\frac{4\,i\,\sqrt{2}\,k\left(10+3\,k^{2}\right)}{a_{0}\left(16+3\,k^{2}\right)^{2}}$	0
$0^+_{\perp}\mathcal{T}^{\parallel}\,\dagger$	$\frac{4\sqrt{3}}{16\,a_{0}+3\,a_{0}\,k^{2}}$	$\frac{4}{a_{0}\,k^{2}}$	$\frac{2\,i\,\sqrt{2}}{a_{0}\,k}$	$\frac{8\,i\,\sqrt{3}}{16\,a_{0}\,k+3\,a_{0}\,k^{3}}$	$-\frac{8\,i}{\sqrt{3}\left(16\,a_{0}\,k+3\,a_{0}\,k^{3}\right)}$	$-\frac{8\,i\,\sqrt{\frac{2}{3}}}{16\,a_{0}\,k+3\,a_{0}\,k^{3}}$	0
$0^+_{\perp}\mathcal{W}_{a}^{\parallel}\,\dagger$	$-\frac{2\,i\,\sqrt{6}\,k}{16\,a_{0}+3\,a_{0}\,k^{2}}$	$-\frac{2\,i\,\sqrt{2}}{a_{0}\,k}$	0	$\frac{4\sqrt{6}}{16\,a_{0}+3\,a_{0}\,k^{2}}$	$-\frac{4\,\sqrt{\frac{2}{3}}}{16\,a_{0}+3\,a_{0}\,k^{2}}$	$-\frac{8}{\sqrt{3}\left(16\,a_{0}+3\,a_{0}\,k^{2}\right)}$	0
$0^+_{\perp}\mathcal{W}_{s}^{\perp t}\,\dagger$	$\frac{72\,i\,k}{a_{0}\left(16+3\,k^{2}\right)^{2}}$	$-\frac{8\,i\,\sqrt{3}}{16\,a_{0}\,k+3\,a_{0}\,k^{3}}$	$\frac{4\sqrt{6}}{16\,a_{0}+3\,a_{0}\,k^{2}}$	$-\frac{144}{a_{0}\left(16+3\,k^{2}\right)^{2}}$	$\frac{16\left(19+3\,k^{2}\right)}{a_{0}\left(16+3\,k^{2}\right)^{2}}$	$-\frac{8\,\sqrt{2}\,\left(10+3\,k^{2}\right)}{a_{0}\left(16+3\,k^{2}\right)^{2}}$	0
$0^+_{\perp}\mathcal{W}_{s}^{\parallel}\,\dagger$	$-\frac{8\,i\,k\left(19+3\,k^{2}\right)}{a_{0}\left(16+3\,k^{2}\right)^{2}}$	$\frac{8\,i}{\sqrt{3}\left(16\,a_{0}\,k+3\,a_{0}\,k^{3}\right)}$	$-\frac{4\,\sqrt{\frac{2}{3}}}{16\,a_{0}+3\,a_{0}\,k^{2}}$	$\frac{16\left(19+3\,k^{2}\right)}{a_{0}\left(16+3\,k^{2}\right)^{2}}$	$-\frac{16\left(35+6\,k^{2}\right)}{3\,a_{0}\left(16+3\,k^{2}\right)^{2}}$	$-\frac{8\,\sqrt{2}\,\left(22+3\,k^{2}\right)}{3\,a_{0}\left(16+3\,k^{2}\right)^{2}}$	0
$0^+_{\perp}\mathcal{W}_{s}^{\perp h}\,\dagger$	$\frac{4\,i\,\sqrt{2}\,k\left(10+3\,k^{2}\right)}{a_{0}\left(16+3\,k^{2}\right)^{2}}$	$\frac{8\,i\,\sqrt{\frac{2}{3}}}{16\,a_{0}\,k+3\,a_{0}\,k^{3}}$	$-\frac{8}{\sqrt{3}\left(16\,a_{0}+3\,a_{0}\,k^{2}\right)}$	$-\frac{8\,\sqrt{2}\,\left(10+3\,k^{2}\right)}{a_{0}\left(16+3\,k^{2}\right)^{2}}$	$-\frac{8\,\sqrt{2}\,\left(22+3\,k^{2}\right)}{3\,a_{0}\left(16+3\,k^{2}\right)^{2}}$	$\frac{32\left(13+3\,k^{2}\right)}{3\,a_{0}\left(16+3\,k^{2}\right)^{2}}$	0
$0^-_{\perp}\mathcal{W}_{a}^{\parallel}\,\dagger$	0	0	0	0	0	0	$-\frac{2}{a_{0}}$

	$1^+_{\perp}\mathcal{W}_{a}^{\parallel}{}_{\alpha\beta}$	$1^+_{\perp}\mathcal{W}_{a}^{\perp}{}_{\alpha\beta}$	$1^+_{\perp}\mathcal{W}_{s}^{\perp}{}_{\alpha\beta}$	$1^-_{\perp}\mathcal{T}^{\perp}{}_{\alpha}$	$1^-_{\perp}\mathcal{W}_{a}^{\parallel}{}_{\alpha}$	$1^-_{\perp}\mathcal{W}_{a}^{\perp}{}_{\alpha}$	$1^-_{\perp}\mathcal{W}_{s}^{\perp t}{}_{\alpha}$	$1^-_{\perp}\mathcal{W}_{s}^{\parallel t}{}_{\alpha}$	$1^-_{\perp}\mathcal{W}_{s}^{\perp h}{}_{\alpha}$	$1^-_{\perp}\mathcal{W}_{s}^{\parallel h}{}_{\alpha}$
$1^+_{\perp}\mathcal{W}_{a}^{\parallel}\,\dagger^{\alpha\beta}$	0	$-\frac{2\,\sqrt{2}}{a_{0}}$	0	0	0	0	0	0	0	0
$1^+_{\perp}\mathcal{W}_{a}^{\perp}\,\dagger^{\alpha\beta}$	$-\frac{2\,\sqrt{2}}{a_{0}}$	$\frac{2}{a_{0}-c_{2}\,k^{2}}$	$-\frac{2\,\sqrt{2}\,c_{2}\,k^{2}}{a_{0}^{2}-a_{0}\,c_{2}\,k^{2}}$	0	0	0	0	0	0	0
$1^+_{\perp}\mathcal{W}_{s}^{\perp}\,\dagger^{\alpha\beta}$	0	$-\frac{2\,\sqrt{2}\,c_{2}\,k^{2}}{a_{0}^{2}-a_{0}\,c_{2}\,k^{2}}$	$\frac{4}{a_{0}-c_{2}\,k^{2}}$	0	0	0	0	0	0	0
$1^-_{\perp}\mathcal{T}^{\perp}\,\dagger^{\alpha}$	0	0	0	$\frac{2\,k^{2}}{a_{0}\left(2+k^{2}\right)^{2}}$	$\frac{2\,i\,\sqrt{2}\,k}{2\,a_{0}+a_{0}\,k^{2}}$	$\frac{i\,k\left(4+k^{2}\right)}{a_{0}\left(2+k^{2}\right)^{2}}$	$-\frac{i\,\sqrt{\frac{2}{3}}\,k\left(4+3\,k^{2}\right)}{a_{0}\left(2+k^{2}\right)^{2}}$	0	$-\frac{i\,k\left(8+3\,k^{2}\right)}{\sqrt{3}\,a_{0}\left(2+k^{2}\right)^{2}}$	0
$1^-_{\perp}\mathcal{W}_{a}^{\parallel}\,\dagger^{\alpha}$	0	0	0	$-\frac{2\,i\,\sqrt{2}\,k}{2\,a_{0}+a_{0}\,k^{2}}$	0	$\frac{\sqrt{2}\,\left(4+k^{2}\right)}{a_{0}\left(2+k^{2}\right)}$	$-\frac{2\,k^{2}}{\sqrt{3}\left(2\,a_{0}+a_{0}\,k^{2}\right)}$	0	$\frac{\sqrt{\frac{2}{3}}\,k^{2}}{2\,a_{0}+a_{0}\,k^{2}}$	0
$1^-_{\perp}\mathcal{W}_{a}^{\perp}\,\dagger^{\alpha}$	0	0	0	$-\frac{i\,k\left(4+k^{2}\right)}{a_{0}\left(2+k^{2}\right)^{2}}$	$\frac{\sqrt{2}\,\left(4+k^{2}\right)}{a_{0}\left(2+k^{2}\right)}$	$\frac{\left(4+k^{2}\right)^{2}}{2\,a_{0}\left(2+k^{2}\right)^{2}}$	$-\frac{8+8\,k^{2}+k^{4}}{\sqrt{6}\,a_{0}\left(2+k^{2}\right)^{2}}$	$-\frac{\sqrt{\frac{10}{3}}}{a_{0}}$	$\frac{-16-4\,k^{2}+k^{4}}{2\,\sqrt{3}\,a_{0}\left(2+k^{2}\right)^{2}}$	$-\frac{2\,\sqrt{\frac{2}{3}}}{a_{0}}$
$1^-_{\perp}\mathcal{W}_{s}^{\perp t}\,\dagger^{\alpha}$	0	0	0	$\frac{i\,\sqrt{\frac{2}{3}}\,k\left(4+3\,k^{2}\right)}{a_{0}\left(2+k^{2}\right)^{2}}$	$-\frac{2\,k^{2}}{\sqrt{3}\left(2\,a_{0}+a_{0}\,k^{2}\right)}$	$-\frac{8+8\,k^{2}+k^{4}}{\sqrt{6}\,a_{0}\left(2+k^{2}\right)^{2}}$	$\frac{1}{3}\left(-\frac{1}{c_{2}\,k^{2}}+\frac{-16-8\,k^{2}+k^{4}}{a_{0}\left(2+k^{2}\right)^{2}}\right)$	$-\frac{\sqrt{5}\left(a_{0}-2\,c_{2}\,k^{2}\right)}{3\,a_{0}\,c_{2}\,k^{2}}$	$\frac{-\frac{2}{c_{2}\,k^{2}}+\frac{-1-\frac{4}{\left(2+k^{2}\right)^{2}}}{a_{0}}}{3\,\sqrt{2}}$	$\frac{4}{3\,a_{0}}-\frac{2}{3\,c_{2}\,k^{2}}$
$1^-_{\perp}\mathcal{W}_{s}^{\parallel t}\,\dagger^{\alpha}$	0	0	0	0	0	$-\frac{\sqrt{\frac{10}{3}}}{a_{0}}$	$-\frac{\sqrt{5}\left(a_{0}-2\,c_{2}\,k^{2}\right)}{3\,a_{0}\,c_{2}\,k^{2}}$	$\frac{4}{3\,a_{0}}-\frac{5}{3\,c_{2}\,k^{2}}$	$-\frac{\sqrt{10}\left(a_{0}+c_{2}\,k^{2}\right)}{3\,a_{0}\,c_{2}\,k^{2}}$	$-\frac{2\,\sqrt{5}\left(a_{0}-2\,c_{2}\,k^{2}\right)}{3\,a_{0}\,c_{2}\,k^{2}}$
$1^-_{\perp}\mathcal{W}_{s}^{\perp h}\,\dagger^{\alpha}$	0	0	0	$\frac{i\,k\left(8+3\,k^{2}\right)}{\sqrt{3}\,a_{0}\left(2+k^{2}\right)^{2}}$	$\frac{\sqrt{\frac{2}{3}}\,k^{2}}{2\,a_{0}+a_{0}\,k^{2}}$	$\frac{-16-4\,k^{2}+k^{4}}{2\,\sqrt{3}\,a_{0}\left(2+k^{2}\right)^{2}}$	$\frac{-\frac{2}{c_{2}\,k^{2}}+\frac{-1-\frac{4}{\left(2+k^{2}\right)^{2}}}{a_{0}}}{3\,\sqrt{2}}$	$-\frac{\sqrt{10}\left(a_{0}+c_{2}\,k^{2}\right)}{3\,a_{0}\,c_{2}\,k^{2}}$	$\frac{1}{6}\left(-\frac{4}{c_{2}\,k^{2}}+\frac{32+16\,k^{2}+k^{4}}{a_{0}\left(2+k^{2}\right)^{2}}\right)$	$-\frac{2\,\sqrt{2}\left(a_{0}+c_{2}\,k^{2}\right)}{3\,a_{0}\,c_{2}\,k^{2}}$
$1^-_{\perp}\mathcal{W}_{s}^{\parallel h}\,\dagger^{\alpha}$	0	0	0	0	0	$-\frac{2\,\sqrt{\frac{2}{3}}}{a_{0}}$	$\frac{4}{3\,a_{0}}-\frac{2}{3\,c_{2}\,k^{2}}$	$-\frac{2\,\sqrt{5}\left(a_{0}-2\,c_{2}\,k^{2}\right)}{3\,a_{0}\,c_{2}\,k^{2}}$	$-\frac{2\,\sqrt{2}\left(a_{0}+c_{2}\,k^{2}\right)}{3\,a_{0}\,c_{2}\,k^{2}}$	$\frac{4}{3}\left(\frac{5}{a_{0}}-\frac{1}{c_{2}\,k^{2}}\right)$

	$2^+_{\perp}\mathcal{T}^{\parallel}{}_{\alpha\beta}$	$2^+_{\perp}\mathcal{W}_{a}^{\parallel}{}_{\alpha\beta}$	$2^+_{\perp}\mathcal{W}_{s}^{\parallel}{}_{\alpha\beta}$	$2^+_{\perp}\mathcal{W}_{s}^{\perp}{}_{\alpha\beta}$	$2^-_{\perp}\mathcal{W}_{a}^{\parallel}{}_{\alpha\beta\chi}$	$2^-_{\perp}\mathcal{W}_{s}^{\parallel}{}_{\alpha\beta\chi}$
$2^+_{\perp}\mathcal{T}^{\parallel}\,\dagger^{\alpha\beta}$	$-\frac{8}{a_{0}\,k^{2}}$	$-\frac{4\,i\,\sqrt{2}}{a_{0}\,k}$	$\frac{4\,i}{\sqrt{3}\,a_{0}\,k}$	$\frac{4\,i\,\sqrt{\frac{2}{3}}}{a_{0}\,k}$	0	0
$2^+_{\perp}\mathcal{W}_{a}^{\parallel}\,\dagger^{\alpha\beta}$	$\frac{4\,i\,\sqrt{2}}{a_{0}\,k}$	0	$\frac{2\,\sqrt{\frac{2}{3}}}{a_{0}}$	$\frac{4}{\sqrt{3}\,a_{0}}$	0	0
$2^+_{\perp}\mathcal{W}_{s}^{\parallel}\,\dagger^{\alpha\beta}$	$-\frac{4\,i}{\sqrt{3}\,a_{0}\,k}$	$\frac{2\,\sqrt{\frac{2}{3}}}{a_{0}}$	$-\frac{8}{3\,a_{0}}$	$-\frac{2\,\sqrt{2}}{3\,a_{0}}$	0	0
$2^+_{\perp}\mathcal{W}_{s}^{\perp}\,\dagger^{\alpha\beta}$	$-\frac{4\,i\,\sqrt{\frac{2}{3}}}{a_{0}\,k}$	$\frac{4}{\sqrt{3}\,a_{0}}$	$-\frac{2\,\sqrt{2}}{3\,a_{0}}$	$\frac{8}{3\,a_{0}}$	0	0
$2^-_{\perp}\mathcal{W}_{a}^{\parallel}\,\dagger^{\alpha\beta\chi}$	0	0	0	0	$\frac{4}{a_{0}}$	0
$2^-_{\perp}\mathcal{W}_{s}^{\parallel}\,\dagger^{\alpha\beta\chi}$	0	0	0	0	0	$\frac{4}{a_{0}}$

	$3^-_{\perp}\mathcal{W}_{s}^{\parallel}{}_{\alpha\beta\chi}$
$3^-_{\perp}\mathcal{W}_{s}^{\parallel}\,\dagger^{\alpha\beta\chi}$	$-\frac{2}{a_{0}}$

Source constraints

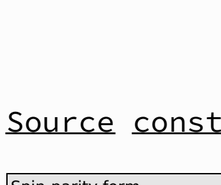
Spin-parity form	Covariant form	Multiplicities
$k\,{}^{0^+_{\perp}}\mathcal{W}_{s}^{\parallel} + 2\,k\,{}^{0^+_{\perp}}\mathcal{W}_{s}^{\perp h} - 6\,i\,{}^{0^+_{\perp}}\mathcal{T}^{\perp} == 0$	$2\,\partial_{\beta}\partial_{\alpha}\mathcal{T}^{\alpha\beta} + \partial_{\chi}\partial^{\chi}\partial_{\alpha}\mathcal{W}^{\alpha\beta}{}_{\beta} == \partial_{\chi}\partial_{\beta}\partial_{\alpha}\mathcal{W}^{\alpha\beta\chi}$	1
$k\,{}^{0^+_{\perp}}\mathcal{W}_{s}^{\perp t} + 2\,i\,{}^{0^+_{\perp}}\mathcal{T}^{\perp} == 0$	$2\,\partial_{\beta}\partial_{\alpha}\mathcal{T}^{\alpha\beta} == \partial_{\chi}\partial_{\beta}\partial_{\alpha}\mathcal{W}^{\alpha\beta\chi}$	1
$k\,{}^{1^-_{\perp}}\mathcal{W}_{s}^{\perp h\,\alpha} - 6\,i\,{}^{1^-_{\perp}}\mathcal{T}^{\perp\,\alpha} == k\left(3\,{}^{1^-_{\perp}}\mathcal{W}_{a}^{\perp\,\alpha} + {}^{1^-_{\perp}}\mathcal{W}_{s}^{\perp t\,\alpha}\right)$	$2\,\partial_{\chi}\partial_{\beta}\partial^{\alpha}\mathcal{T}^{\beta\chi} + \partial_{\delta}\partial^{\delta}\partial_{\chi}\partial_{\beta}\mathcal{W}^{\beta\alpha\chi} == 2\,\partial_{\chi}\partial^{\chi}\partial_{\beta}\mathcal{T}^{\alpha\beta} + \partial_{\delta}\partial_{\chi}\partial_{\beta}\partial^{\alpha}\mathcal{W}^{\beta\chi\delta}$	3
Total expected gauge generators:		5

Massive spectrum

Massive particle

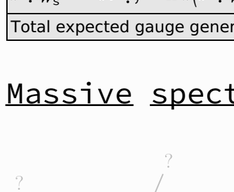
Pole residue:	$-\frac{6}{c_{2}} > 0$
Square mass:	$\frac{a_{0}}{c_{2}} > 0$
Spin:	1
Parity:	Even

Massless spectrum



Massless particle

Pole residue:	$-\frac{p^{2}}{a_{0}} > 0$
Polarisations:	2



Massless particle

Pole residue:	$\frac{1}{c_{2}} + \frac{8\,c_{2}\,p^{4}}{a_{0}^{2}} > 0$
Polarisations:	2

Gauge symmetries

(Not yet implemented in PSALTer)

Unitarity conditions

(Unitarity is demonstrably impossible)

Validity assumptions

(Not yet implemented in PSALTer)