PSALTer results panel

$$\mathcal{S} == \iiiint\left(\frac{1}{4}\left(2 a_0 \mathcal{A}^{\alpha}{}_{\alpha}{}^{\beta} \mathcal{A}^{\chi}{}_{\beta\chi} + \mathcal{A}^{\alpha\beta\chi}\left(-2 a_0 \mathcal{A}_{\beta\chi\alpha} + 4 \mathcal{W}_{\alpha\beta\chi}\right) + 4 \mathcal{T}^{\alpha\beta} h_{\alpha\beta} - a_0 h^{\chi}{}_{\chi} \partial_{\beta}\mathcal{A}^{\alpha}{}_{\alpha}{}^{\beta} + a_0 h^{\chi}{}_{\chi} \partial_{\beta}\mathcal{A}^{\alpha\beta}{}_{\alpha} - 2 a_0 h_{\alpha\chi} \partial_{\beta}\mathcal{A}^{\alpha\beta\chi} + 2 a_0 h_{\beta\chi} \partial^{\chi}\mathcal{A}^{\alpha}{}_{\alpha}{}^{\beta} - c_1 \partial_{\beta}\mathcal{A}^{\delta}{}_{\delta\chi} \partial^{\chi}\mathcal{A}^{\alpha}{}_{\alpha}{}^{\beta} - c_1 \partial_{\chi}\mathcal{A}^{\delta}{}_{\delta\beta} \partial^{\chi}\mathcal{A}^{\alpha}{}_{\alpha}{}^{\beta} - c_1 \partial_{\beta}\mathcal{A}^{\alpha\beta\chi} \partial_{\delta}\mathcal{A}_{\alpha}{}^{\delta}{}_{\chi} + 2 c_1 \partial^{\chi}\mathcal{A}^{\alpha}{}_{\alpha}{}^{\beta} \partial_{\delta}\mathcal{A}_{\beta}{}^{\delta}{}_{\chi} - c_1 \partial_{\beta}\mathcal{A}^{\alpha\beta\chi} \partial_{\delta}\mathcal{A}_{\chi}{}^{\delta}{}_{\alpha} + 2 c_1 \partial^{\chi}\mathcal{A}^{\alpha}{}_{\alpha}{}^{\beta} \partial_{\delta}\mathcal{A}_{\chi}{}^{\delta}{}_{\beta}\right)\right)[t, x, y, z]\, dz\, dy\, dx\, dt$$

Wave operator

	${}^{0^+}h^{\perp}$	${}^{0^+}h^{\parallel}$	${}^{0^+}\mathcal{A}_a^{\parallel}$	${}^{0^+}\mathcal{A}_s^{\perp t}$	${}^{0^+}\mathcal{A}_s^{\parallel}$	${}^{0^+}\mathcal{A}_s^{\perp h}$	${}^{0^-}\mathcal{A}_a^{\parallel}$
${}^{0^+}h^{\perp}\dagger$	0	0	0	0	$\frac{i a_0 k}{4}$	$-\frac{i a_0 k}{4\sqrt{2}}$	0
${}^{0^+}h^{\parallel}\dagger$	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
${}^{0^+}\mathcal{A}_a^{\parallel}\dagger$	0	$-\frac{i a_0 k}{2\sqrt{2}}$	$-\frac{a_0}{2} - c_1 k^2$	0	$\frac{c_1 k^2}{\sqrt{6}}$	$-\frac{c_1 k^2}{2\sqrt{3}}$	0
${}^{0^+}\mathcal{A}_s^{\perp t}\dagger$	0	0	0	0	$\frac{a_0}{2}$	$-\frac{a_0}{2\sqrt{2}}$	0
${}^{0^+}\mathcal{A}_s^{\parallel}\dagger$	$-\frac{1}{4} i a_0 k$	$\frac{i a_0 k}{4\sqrt{3}}$	$\frac{c_1 k^2}{\sqrt{6}}$	$\frac{a_0}{2}$	$-\frac{2 c_1 k^2}{3}$	$\frac{-3 a_0 + 4 c_1 k^2}{6\sqrt{2}}$	0
${}^{0^+}\mathcal{A}_s^{\perp h}\dagger$	$\frac{i a_0 k}{4\sqrt{2}}$	$-\frac{i a_0 k}{4\sqrt{6}}$	$-\frac{c_1 k^2}{2\sqrt{3}}$	$-\frac{a_0}{2\sqrt{2}}$	$\frac{-3 a_0 + 4 c_1 k^2}{6\sqrt{2}}$	$\frac{1}{6}\left(3 a_0 - 2 c_1 k^2\right)$	0
${}^{0^-}\mathcal{A}_a^{\parallel}\dagger$	0	0	0	0	0	0	$-\frac{a_0}{2}$

	${}^{1^+}\mathcal{A}_a^{\parallel}{}_{\alpha\beta}$	${}^{1^+}\mathcal{A}_a^{\perp}{}_{\alpha\beta}$	${}^{1^+}\mathcal{A}_s^{\perp}{}_{\alpha\beta}$	${}^{1^-}h^{\perp}{}_{\alpha}$	${}^{1^-}\mathcal{A}_a^{\parallel}{}_{\alpha}$	${}^{1^-}\mathcal{A}_a^{\perp}{}_{\alpha}$	${}^{1^-}\mathcal{A}_s^{\perp t}{}_{\alpha}$	${}^{1^-}\mathcal{A}_s^{\parallel t}{}_{\alpha}$	${}^{1^-}\mathcal{A}_s^{\perp h}{}_{\alpha}$	${}^{1^-}\mathcal{A}_s^{\parallel h}{}_{\alpha}$
${}^{1^+}\mathcal{A}_a^{\parallel}\dagger^{\alpha\beta}$	$-\frac{a_0}{4}$	$-\frac{a_0}{2\sqrt{2}}$	0	0	0	0	0	0	0	0
${}^{1^+}\mathcal{A}_a^{\perp}\dagger^{\alpha\beta}$	$-\frac{a_0}{2\sqrt{2}}$	0	0	0	0	0	0	0	0	0
${}^{1^+}\mathcal{A}_s^{\perp}\dagger^{\alpha\beta}$	0	0	$\frac{a_0}{4}$	0	0	0	0	0	0	0
${}^{1^-}h^{\perp}\dagger^{\alpha}$	0	0	0	0	$\frac{i a_0 k}{4\sqrt{2}}$	0	$-\frac{i a_0 k}{4\sqrt{6}}$	$\frac{1}{4} i \sqrt{\frac{5}{6}} a_0 k$	$-\frac{i a_0 k}{4\sqrt{3}}$	$-\frac{i a_0 k}{4\sqrt{6}}$
${}^{1^-}\mathcal{A}_a^{\parallel}\dagger^{\alpha}$	0	0	0	$-\frac{i a_0 k}{4\sqrt{2}}$	$\frac{1}{4}\left(-a_0 - c_1 k^2\right)$	$\frac{a_0}{2\sqrt{2}}$	$\frac{c_1 k^2}{4\sqrt{3}}$	$-\frac{1}{4}\sqrt{\frac{5}{3}} c_1 k^2$	$\frac{c_1 k^2}{2\sqrt{6}}$	$\frac{c_1 k^2}{4\sqrt{3}}$
${}^{1^-}\mathcal{A}_a^{\perp}\dagger^{\alpha}$	0	0	0	0	$\frac{a_0}{2\sqrt{2}}$	0	0	0	0	0
${}^{1^-}\mathcal{A}_s^{\perp t}\dagger^{\alpha}$	0	0	0	$\frac{i a_0 k}{4\sqrt{6}}$	$\frac{c_1 k^2}{4\sqrt{3}}$	0	$\frac{1}{12}\left(-4 a_0 - c_1 k^2\right)$	$\frac{1}{12}\sqrt{5}\left(2 a_0 + c_1 k^2\right)$	$-\frac{a_0 + c_1 k^2}{6\sqrt{2}}$	$\frac{1}{12}\left(-2 a_0 - c_1 k^2\right)$
${}^{1^-}\mathcal{A}_s^{\parallel t}\dagger^{\alpha}$	0	0	0	$-\frac{1}{4} i \sqrt{\frac{5}{6}} a_0 k$	$-\frac{1}{4}\sqrt{\frac{5}{3}} c_1 k^2$	0	$\frac{1}{12}\sqrt{5}\left(2 a_0 + c_1 k^2\right)$	$\frac{1}{12}\left(4 a_0 - 5 c_1 k^2\right)$	$-\frac{1}{6}\sqrt{\frac{5}{2}}\left(a_0 - c_1 k^2\right)$	$\frac{1}{12}\sqrt{5}\left(-2 a_0 + c_1 k^2\right)$
${}^{1^-}\mathcal{A}_s^{\perp h}\dagger^{\alpha}$	0	0	0	$\frac{i a_0 k}{4\sqrt{3}}$	$\frac{c_1 k^2}{2\sqrt{6}}$	0	$-\frac{a_0 + c_1 k^2}{6\sqrt{2}}$	$-\frac{1}{6}\sqrt{\frac{5}{2}}\left(a_0 - c_1 k^2\right)$	$\frac{1}{6}\left(2 a_0 - c_1 k^2\right)$	$\frac{a_0 - c_1 k^2}{6\sqrt{2}}$
${}^{1^-}\mathcal{A}_s^{\parallel h}\dagger^{\alpha}$	0	0	0	$\frac{i a_0 k}{4\sqrt{6}}$	$\frac{c_1 k^2}{4\sqrt{3}}$	0	$\frac{1}{12}\left(-2 a_0 - c_1 k^2\right)$	$\frac{1}{12}\sqrt{5}\left(-2 a_0 + c_1 k^2\right)$	$\frac{a_0 - c_1 k^2}{6\sqrt{2}}$	$\frac{1}{12}\left(5 a_0 - c_1 k^2\right)$

	${}^{2^+}h^{\parallel}{}_{\alpha\beta}$	${}^{2^+}\mathcal{A}_a^{\parallel}{}_{\alpha\beta}$	${}^{2^+}\mathcal{A}_s^{\parallel}{}_{\alpha\beta}$	${}^{2^+}\mathcal{A}_s^{\perp}{}_{\alpha\beta}$	${}^{2^-}\mathcal{A}_a^{\parallel}{}_{\alpha\beta\chi}$	${}^{2^-}\mathcal{A}_s^{\parallel}{}_{\alpha\beta\chi}$
${}^{2^+}h^{\parallel}\dagger^{\alpha\beta}$	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
${}^{2^+}\mathcal{A}_a^{\parallel}\dagger^{\alpha\beta}$	$\frac{i a_0 k}{4\sqrt{2}}$	$\frac{1}{4}\left(a_0 - c_1 k^2\right)$	$-\frac{c_1 k^2}{2\sqrt{6}}$	$\frac{c_1 k^2}{4\sqrt{3}}$	0	0
${}^{2^+}\mathcal{A}_s^{\parallel}\dagger^{\alpha\beta}$	$\frac{i a_0 k}{4\sqrt{3}}$	$-\frac{c_1 k^2}{2\sqrt{6}}$	$\frac{1}{6}\left(-3 a_0 - c_1 k^2\right)$	$\frac{c_1 k^2}{6\sqrt{2}}$	0	0
${}^{2^+}\mathcal{A}_s^{\perp}\dagger^{\alpha\beta}$	$-\frac{i a_0 k}{4\sqrt{6}}$	$\frac{c_1 k^2}{4\sqrt{3}}$	$\frac{c_1 k^2}{6\sqrt{2}}$	$\frac{1}{12}\left(3 a_0 - c_1 k^2\right)$	0	0
${}^{2^-}\mathcal{A}_a^{\parallel}\dagger^{\alpha\beta\chi}$	0	0	0	0	$\frac{a_0}{4}$	0
${}^{2^-}\mathcal{A}_s^{\parallel}\dagger^{\alpha\beta\chi}$	0	0	0	0	0	$\frac{a_0}{4}$

	${}^{3^-}\mathcal{A}_s^{\parallel}{}_{\alpha\beta\chi}$
${}^{3^-}\mathcal{A}_s^{\parallel}\dagger^{\alpha\beta\chi}$	$-\frac{a_0}{2}$

Saturated propagator

	${}^{0^+}\mathcal{T}^{\perp}$	${}^{0^+}\mathcal{T}^{\parallel}$	${}^{0^+}\mathcal{W}_a^{\parallel}$	${}^{0^+}\mathcal{W}_s^{\perp t}$	${}^{0^+}\mathcal{W}_s^{\parallel}$	${}^{0^+}\mathcal{W}_s^{\perp h}$	${}^{0^-}\mathcal{W}_a^{\parallel}$
${}^{0^+}\mathcal{T}^{\perp}\dagger$	$-\frac{36 k^2\left(a_0 - 2 c_1 k^2\right)}{a_0^2\left(16+3k^2\right)^2}$	$\frac{4\sqrt{3}}{16 a_0 + 3 a_0 k^2}$	$\frac{2 i\sqrt{6} k}{16 a_0 + 3 a_0 k^2}$	$-\frac{72 i k\left(a_0 - 2 c_1 k^2\right)}{a_0^2\left(16+3k^2\right)^2}$	$\frac{8 i k\left(19 a_0 + 3\left(a_0 - 2 c_1\right)k^2\right)}{a_0^2\left(16+3k^2\right)^2}$	$-\frac{4 i\sqrt{2} k\left(10 a_0 + 3\left(a_0 + 4 c_1\right)k^2\right)}{a_0^2\left(16+3k^2\right)^2}$	0
${}^{0^+}\mathcal{T}^{\parallel}\dagger$	$\frac{4\sqrt{3}}{16 a_0 + 3 a_0 k^2}$	$\frac{4\left(2 c_1 + \frac{a_0}{k^2}\right)}{a_0^2}$	$\frac{2 i\sqrt{2}}{a_0 k}$	$\frac{8 i\sqrt{3}}{16 a_0 k + 3 a_0 k^3}$	$-\frac{8 i}{\sqrt{3}\left(16 a_0 k + 3 a_0 k^3\right)}$	$-\frac{8 i\sqrt{\frac{2}{3}}}{16 a_0 k + 3 a_0 k^3}$	0
${}^{0^+}\mathcal{W}_a^{\parallel}\dagger$	$-\frac{2 i\sqrt{6} k}{16 a_0 + 3 a_0 k^2}$	$-\frac{2 i\sqrt{2}}{a_0 k}$	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
${}^{0^+}\mathcal{W}_s^{\perp t}\dagger$	$\frac{72 i k\left(a_0 - 2 c_1 k^2\right)}{a_0^2\left(16+3k^2\right)^2}$	$-\frac{8 i\sqrt{3}}{16 a_0 k + 3 a_0 k^3}$	$\frac{4\sqrt{6}}{16 a_0 + 3 a_0 k^2}$	$-\frac{144\left(a_0 - 2 c_1 k^2\right)}{a_0^2\left(16+3k^2\right)^2}$	$\frac{304 a_0 + 48\left(a_0 - 2 c_1\right)k^2}{a_0^2\left(16+3k^2\right)^2}$	$-\frac{8\sqrt{2}\left(10 a_0 + 3\left(a_0 + 4 c_1\right)k^2\right)}{a_0^2\left(16+3k^2\right)^2}$	0
${}^{0^+}\mathcal{W}_s^{\parallel}\dagger$	$-\frac{8 i k\left(19 a_0 + 3\left(a_0 - 2 c_1\right)k^2\right)}{a_0^2\left(16+3k^2\right)^2}$	$\frac{8 i}{\sqrt{3}\left(16 a_0 k + 3 a_0 k^3\right)}$	$-\frac{4\sqrt{\frac{2}{3}}}{16 a_0 + 3 a_0 k^2}$	$\frac{304 a_0 + 48\left(a_0 - 2 c_1\right)k^2}{a_0^2\left(16+3k^2\right)^2}$	$\frac{-560 a_0 + 96\left(-a_0 + c_1\right)k^2}{3 a_0^2\left(16+3k^2\right)^2}$	$-\frac{8\sqrt{2}\left(22 a_0 + 3\left(a_0 - 4 c_1\right)k^2\right)}{3 a_0^2\left(16+3k^2\right)^2}$	0
${}^{0^+}\mathcal{W}_s^{\perp h}\dagger$	$\frac{4 i\sqrt{2} k\left(10 a_0 + 3\left(a_0 + 4 c_1\right)k^2\right)}{a_0^2\left(16+3k^2\right)^2}$	$\frac{8 i\sqrt{\frac{2}{3}}}{16 a_0 k + 3 a_0 k^3}$	$-\frac{8}{\sqrt{3}\left(16 a_0 + 3 a_0 k^2\right)}$	$-\frac{8\sqrt{2}\left(10 a_0 + 3\left(a_0 + 4 c_1\right)k^2\right)}{a_0^2\left(16+3k^2\right)^2}$	$-\frac{8\sqrt{2}\left(22 a_0 + 3\left(a_0 - 4 c_1\right)k^2\right)}{3 a_0^2\left(16+3k^2\right)^2}$	$\frac{416 a_0 + 96\left(a_0 + 2 c_1\right)k^2}{3 a_0^2\left(16+3k^2\right)^2}$	0
${}^{0^-}\mathcal{W}_a^{\parallel}\dagger$	0	0	0	0	0	0	$-\frac{2}{a_0}$

	${}^{1^+}\mathcal{W}_a^{\parallel}{}_{\alpha\beta}$	${}^{1^+}\mathcal{W}_a^{\perp}{}_{\alpha\beta}$	${}^{1^+}\mathcal{W}_s^{\perp}{}_{\alpha\beta}$	${}^{1^-}\mathcal{T}^{\perp}{}_{\alpha}$	${}^{1^-}\mathcal{W}_a^{\parallel}{}_{\alpha}$	${}^{1^-}\mathcal{W}_a^{\perp}{}_{\alpha}$	${}^{1^-}\mathcal{W}_s^{\perp t}{}_{\alpha}$	${}^{1^-}\mathcal{W}_s^{\parallel t}{}_{\alpha}$	${}^{1^-}\mathcal{W}_s^{\perp h}{}_{\alpha}$	${}^{1^-}\mathcal{W}_s^{\parallel h}{}_{\alpha}$
${}^{1^+}\mathcal{W}_a^{\parallel}\dagger^{\alpha\beta}$	0	$-\frac{2\sqrt{2}}{a_0}$	0	0	0	0	0	0	0	0
${}^{1^+}\mathcal{W}_a^{\perp}\dagger^{\alpha\beta}$	$-\frac{2\sqrt{2}}{a_0}$	$\frac{2}{a_0}$	0	0	0	0	0	0	0	0
${}^{1^+}\mathcal{W}_s^{\perp}\dagger^{\alpha\beta}$	0	0	$\frac{4}{a_0}$	0	0	0	0	0	0	0
${}^{1^-}\mathcal{T}^{\perp}\dagger^{\alpha}$	0	0	0	$\frac{2 k^2\left(a_0 + 4 c_1 k^2\right)}{a_0^2\left(2+k^2\right)^2}$	$\frac{2 i\sqrt{2} k}{2 a_0 + a_0 k^2}$	$\frac{i k\left(4 a_0 + \left(a_0 + 8 c_1\right)k^2\right)}{a_0^2\left(2+k^2\right)^2}$	$-\frac{i\left(6 a_0 k + \left(5 a_0 - 16 c_1\right)k^3\right)}{\sqrt{6} a_0^2\left(2+k^2\right)^2}$	$\frac{i\sqrt{\frac{5}{6}} k}{2 a_0 + a_0 k^2}$	$-\frac{2 i k\left(3 a_0 + \left(a_0 + 4 c_1\right)k^2\right)}{\sqrt{3} a_0^2\left(2+k^2\right)^2}$	$\frac{i\sqrt{\frac{2}{3}} k}{2 a_0 + a_0 k^2}$
${}^{1^-}\mathcal{W}_a^{\parallel}\dagger^{\alpha}$	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
${}^{1^-}\mathcal{W}_a^{\perp}\dagger^{\alpha}$	0	0	0	$-\frac{i\left(4 a_0 k + \left(a_0 + 8 c_1\right)k^3\right)}{a_0^2\left(2+k^2\right)^2}$	$\frac{\sqrt{2}\left(4+k^2\right)}{a_0\left(2+k^2\right)}$	$\frac{16 c_1 k^2 + a_0\left(4+k^2\right)^2}{2 a_0^2\left(2+k^2\right)^2}$	$\frac{k^2\left(32 c_1 + a_0\left(-2+k^2\right)\right)}{2\sqrt{6} a_0^2\left(2+k^2\right)^2}$	$-\frac{\sqrt{\frac{5}{6}} k^2}{4 a_0 + 2 a_0 k^2}$	$\frac{k^2\left(-8 c_1 + a_0\left(5+2k^2\right)\right)}{\sqrt{3} a_0^2\left(2+k^2\right)^2}$	$-\frac{k^2}{\sqrt{6}\left(2 a_0 + a_0 k^2\right)}$
${}^{1^-}\mathcal{W}_s^{\perp t}\dagger^{\alpha}$	0	0	0	$\frac{i\left(6 a_0 k + \left(5 a_0 - 16 c_1\right)k^3\right)}{\sqrt{6} a_0^2\left(2+k^2\right)^2}$	$-\frac{2 k^2}{\sqrt{3}\left(2 a_0 + a_0 k^2\right)}$	$\frac{k^2\left(32 c_1 + a_0\left(-2+k^2\right)\right)}{2\sqrt{6} a_0^2\left(2+k^2\right)^2}$	$\frac{64 c_1 k^2 - a_0\left(76+52k^2+3k^4\right)}{12 a_0^2\left(2+k^2\right)^2}$	$\frac{\sqrt{5}\left(10+3k^2\right)}{12 a_0\left(2+k^2\right)}$	$\frac{-2 a_0 + \left(a_0 - 16 c_1\right)k^2}{3\sqrt{2} a_0^2\left(2+k^2\right)^2}$	$\frac{1}{-2 a_0 - \frac{8 a_0}{2+3k^2}}$
${}^{1^-}\mathcal{W}_s^{\parallel t}\dagger^{\alpha}$	0	0	0	$-\frac{i\sqrt{\frac{5}{6}} k}{2 a_0 + a_0 k^2}$	0	$-\frac{\sqrt{\frac{5}{6}} k^2}{4 a_0 + 2 a_0 k^2}$	$\frac{\sqrt{5}\left(10+3k^2\right)}{12 a_0\left(2+k^2\right)}$	$\frac{1}{12 a_0}$	$-\frac{\sqrt{\frac{5}{2}}}{6 a_0 + 3 a_0 k^2}$	$-\frac{\sqrt{5}}{6 a_0}$
${}^{1^-}\mathcal{W}_s^{\perp h}\dagger^{\alpha}$	0	0	0	$\frac{2 i k\left(3 a_0 + \left(a_0 + 4 c_1\right)k^2\right)}{\sqrt{3} a_0^2\left(2+k^2\right)^2}$	$\frac{\sqrt{\frac{2}{3}} k^2}{2 a_0 + a_0 k^2}$	$\frac{k^2\left(-8 c_1 + a_0\left(5+2k^2\right)\right)}{\sqrt{3} a_0^2\left(2+k^2\right)^2}$	$\frac{-2 a_0 + \left(a_0 - 16 c_1\right)k^2}{3\sqrt{2} a_0^2\left(2+k^2\right)^2}$	$-\frac{\sqrt{\frac{5}{2}}}{6 a_0 + 3 a_0 k^2}$	$\frac{8 c_1 k^2 + a_0\left(34+28k^2+6k^4\right)}{3 a_0^2\left(2+k^2\right)^2}$	$-\frac{\sqrt{2}\left(7+3k^2\right)}{3 a_0\left(2+k^2\right)}$
${}^{1^-}\mathcal{W}_s^{\parallel h}\dagger^{\alpha}$	0	0	0	$-\frac{i\sqrt{\frac{2}{3}} k}{2 a_0 + a_0 k^2}$	0	$-\frac{k^2}{\sqrt{6}\left(2 a_0 + a_0 k^2\right)}$	$\frac{1}{-2 a_0 - \frac{8 a_0}{2+3k^2}}$	$-\frac{\sqrt{5}}{6 a_0}$	$-\frac{\sqrt{2}\left(7+3k^2\right)}{3 a_0\left(2+k^2\right)}$	$\frac{5}{3 a_0}$

	${}^{2^+}\mathcal{T}^{\parallel}{}_{\alpha\beta}$	${}^{2^+}\mathcal{W}_a^{\parallel}{}_{\alpha\beta}$	${}^{2^+}\mathcal{W}_s^{\parallel}{}_{\alpha\beta}$	${}^{2^+}\mathcal{W}_s^{\perp}{}_{\alpha\beta}$	${}^{2^-}\mathcal{W}_a^{\parallel}{}_{\alpha\beta\chi}$	${}^{2^-}\mathcal{W}_s^{\parallel}{}_{\alpha\beta\chi}$
${}^{2^+}\mathcal{T}^{\parallel}\dagger^{\alpha\beta}$	$\frac{8\left(c_1 - \frac{a_0}{k^2}\right)}{a_0^2}$	$-\frac{4 i\sqrt{2}}{a_0 k}$	$\frac{4 i}{\sqrt{3} a_0 k}$	$\frac{4 i\sqrt{\frac{2}{3}}}{a_0 k}$	0	0
${}^{2^+}\mathcal{W}_a^{\parallel}\dagger^{\alpha\beta}$	$\frac{4 i\sqrt{2}}{a_0 k}$	0	$\frac{2\sqrt{\frac{2}{3}}}{a_0}$	$\frac{4}{\sqrt{3} a_0}$	0	0
${}^{2^+}\mathcal{W}_s^{\parallel}\dagger^{\alpha\beta}$	$-\frac{4 i}{\sqrt{3} a_0 k}$	$\frac{2\sqrt{\frac{2}{3}}}{a_0}$	$-\frac{8}{3 a_0}$	$-\frac{2\sqrt{2}}{3 a_0}$	0	0
${}^{2^+}\mathcal{W}_s^{\perp}\dagger^{\alpha\beta}$	$-\frac{4 i\sqrt{\frac{2}{3}}}{a_0 k}$	$\frac{4}{\sqrt{3} a_0}$	$-\frac{2\sqrt{2}}{3 a_0}$	$\frac{8}{3 a_0}$	0	0
${}^{2^-}\mathcal{W}_a^{\parallel}\dagger^{\alpha\beta\chi}$	0	0	0	0	$\frac{4}{a_0}$	0
${}^{2^-}\mathcal{W}_s^{\parallel}\dagger^{\alpha\beta\chi}$	0	0	0	0	0	$\frac{4}{a_0}$

	${}^{3^-}\mathcal{W}_s^{\parallel}{}_{\alpha\beta\chi}$
${}^{3^-}\mathcal{W}_s^{\parallel}\dagger^{\alpha\beta\chi}$	$-\frac{2}{a_0}$

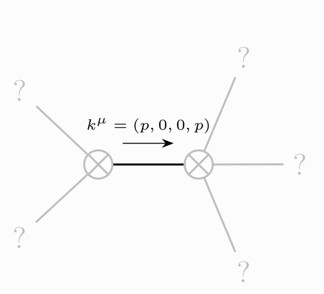
Source constraints

Spin-parity form	Covariant form	Multiplicities
$k\, {}^{0^+}\mathcal{W}_s^{\parallel} + 2 k\, {}^{0^+}\mathcal{W}_s^{\perp h} - 6 i\, {}^{0^+}\mathcal{T}^{\perp} == 0$	$2 \partial_{\beta}\partial_{\alpha}\mathcal{T}^{\alpha\beta} + \partial_{\chi}\partial^{\chi}\partial_{\alpha}\mathcal{W}^{\alpha\beta}{}_{\beta} == \partial_{\chi}\partial_{\beta}\partial_{\alpha}\mathcal{W}^{\alpha\beta\chi}$	1
$k\, {}^{0^+}\mathcal{W}_s^{\perp t} + 2 i\, {}^{0^+}\mathcal{T}^{\perp} == 0$	$2 \partial_{\beta}\partial_{\alpha}\mathcal{T}^{\alpha\beta} == \partial_{\chi}\partial_{\beta}\partial_{\alpha}\mathcal{W}^{\alpha\beta\chi}$	1
$6 k\, {}^{1^-}\mathcal{W}_a^{\perp}{}^{\alpha} + 2 k\, {}^{1^-}\mathcal{W}_s^{\parallel h}{}^{\alpha} + k\, {}^{1^-}\mathcal{W}_s^{\parallel t}{}^{\alpha} + 3 k\, {}^{1^-}\mathcal{W}_s^{\perp t}{}^{\alpha} + 12 i\, {}^{1^-}\mathcal{T}^{\perp}{}^{\alpha} == 0$	$4 \partial_{\chi}\partial_{\beta}\partial^{\alpha}\mathcal{T}^{\beta\chi} + 2 \partial_{\delta}\partial^{\delta}\partial_{\chi}\partial_{\beta}\mathcal{W}^{\beta\alpha\chi} + \partial_{\delta}\partial^{\delta}\partial_{\chi}\partial^{\chi}\mathcal{W}^{\alpha\beta}{}_{\beta} == 4 \partial_{\chi}\partial^{\chi}\partial_{\beta}\mathcal{T}^{\alpha\beta} + 2 \partial_{\delta}\partial_{\chi}\partial_{\beta}\partial^{\alpha}\mathcal{W}^{\beta\chi\delta} + \partial_{\delta}\partial^{\delta}\partial_{\beta}\partial^{\alpha}\mathcal{W}^{\beta\chi}{}_{\chi}$	3
$k\, {}^{1^-}\mathcal{W}_s^{\perp h}{}^{\alpha} - 6 i\, {}^{1^-}\mathcal{T}^{\perp}{}^{\alpha} == k\left(3\, {}^{1^-}\mathcal{W}_a^{\perp}{}^{\alpha} + {}^{1^-}\mathcal{W}_s^{\perp t}{}^{\alpha}\right)$	$2 \partial_{\chi}\partial_{\beta}\partial^{\alpha}\mathcal{T}^{\beta\chi} + \partial_{\delta}\partial^{\delta}\partial_{\chi}\partial_{\beta}\mathcal{W}^{\beta\alpha\chi} == 2 \partial_{\chi}\partial^{\chi}\partial_{\beta}\mathcal{T}^{\alpha\beta} + \partial_{\delta}\partial_{\chi}\partial_{\beta}\partial^{\alpha}\mathcal{W}^{\beta\chi\delta}$	3
Total expected gauge generators:		8

Massive spectrum

(There are no massive particles)

Massless spectrum



Massless particle

Pole residue:	$-\frac{p^2}{a_0} > 0$
Polarisations:	2

Gauge symmetries

(Not yet implemented in PSALTer)

Unitarity conditions

$a_0 < 0$

Validity assumptions

(Not yet implemented in PSALTer)