

	$\Delta_{1^+}^{\#1}{}_{a\beta}$	$\Delta_{1^+}^{\#2}{}_{a\beta}$	$\Delta_{1^+}^{\#3}{}_{a\beta}$	$\Delta_{1^+}^{\#1}{}_{\alpha}$	$\Delta_{1^+}^{\#2}{}_{\alpha}$	$\Delta_{1^+}^{\#3}{}_{\alpha}$	$\Delta_{1^+}^{\#4}{}_{\alpha}$	$\Delta_{1^+}^{\#5}{}_{\alpha}$	$\Delta_{1^+}^{\#6}{}_{\alpha}$	$\mathcal{T}_{1^+}^{\#1}{}_{\alpha}$
$\Delta_{1^+}^{\#1}{}_{a\beta}$	$\frac{4}{3}(-\frac{1}{a_0+4a_1+4a_2}+(a_0-4a_1-2a_2-3a_3+16a_6-4a_7-2a_9)/(a_0^2+(2a_1+a_2)(2a_1+a_2+3a_3-16a_6+4a_7)-a_9^2-a_0(6a_1+3a_2+3a_3-16a_6+4a_7+2a_9)))$	$\frac{2}{3}\sqrt{2}(-\frac{1}{a_0+4a_1+4a_2}+(-2a_0+8a_1+4a_2+6a_3-32a_6+8a_7+4a_9)/(a_0^2+(2a_1+a_2)(2a_1+a_2+3a_3-16a_6+4a_7)-a_9^2-a_0(6a_1+3a_2+3a_3-16a_6+4a_7+2a_9)))$	$\frac{4(2a_1+a_2+a_9)}{3(a_0^2+(2a_1+a_2)(2a_1+a_2+3a_3-16a_6+4a_7)-a_9^2-a_0(6a_1+3a_2+3a_3-16a_6+4a_7+2a_9))}$	0	0	0	0	0	0	0
$\Delta_{1^+}^{\#2}{}_{a\beta}$	$\frac{2}{3}\sqrt{2}(-\frac{1}{a_0+4a_1+4a_2}+(-2a_0+8a_1+4a_2+6a_3-32a_6+8a_7+4a_9)/(a_0^2+(2a_1+a_2)(2a_1+a_2+3a_3-16a_6+4a_7)-a_9^2-a_0(6a_1+3a_2+3a_3-16a_6+4a_7+2a_9)))$	$-\frac{2}{3(a_0+4a_1+4a_2)}+(8(a_0-4a_1-2a_2-3a_3+16a_6-4a_7-2a_9)/(3(a_0^2+(2a_1+a_2)(2a_1+a_2+3a_3-16a_6+4a_7)-a_9^2-a_0(6a_1+3a_2+3a_3-16a_6+4a_7+2a_9))))$	$-((4\sqrt{2}(2a_1+a_2+a_9)/(3(a_0^2+(2a_1+a_2)(2a_1+a_2+3a_3-16a_6+4a_7)-a_9^2-a_0(6a_1+3a_2+3a_3-16a_6+4a_7+2a_9))))$	0	0	0	0	0	0	0
$\Delta_{1^+}^{\#3}{}_{a\beta}$	$\frac{4(2a_1+a_2+a_9)}{3(a_0^2+(2a_1+a_2)(2a_1+a_2+3a_3-16a_6+4a_7)-a_9^2-a_0(6a_1+3a_2+3a_3-16a_6+4a_7+2a_9))}$	$-((4\sqrt{2}(2a_1+a_2+a_9)/(3(a_0^2+(2a_1+a_2)(2a_1+a_2+3a_3-16a_6+4a_7)-a_9^2-a_0(6a_1+3a_2+3a_3-16a_6+4a_7+2a_9))))$	$\frac{4(a_0+2a_1+a_2)}{3(a_0^2+(2a_1+a_2)(2a_1+a_2+3a_3-16a_6+4a_7)-a_9^2-a_0(6a_1+3a_2+3a_3-16a_6+4a_7+2a_9))}$	0	0	0	0	0	0	0
$\Delta_{1^+}^{\#1}{}_{\alpha}$	0	0	0	$\frac{4}{3}(-\frac{2}{2a_0+2a_1+a_2+3a_3}+(a_0-4a_1-2a_2-3a_3+16a_6-4a_7-2a_9)/(a_0^2+(2a_1+a_2)(2a_1+a_2+3a_3-16a_6+4a_7)-a_9^2-a_0(6a_1+3a_2+3a_3-16a_6+4a_7+2a_9)))$	$(4\sqrt{2}(3a_0^2-4a_1^2-a_2^2-3a_3(3a_3+4(-4a_6+a_7))-6a_3a_9-a_9^2-2a_2(3a_3+a_9)-4a_1(a_2+3a_3+a_9)-6a_0(2a_1+a_2+a_3-8a_6+2a_7+a_9)))/(3(2a_0+2a_1+a_2+3a_3)(2a_1+a_2+3a_3-16a_6+4a_7)-a_9^2-a_0(6a_1+3a_2+3a_3-16a_6+4a_7+2a_9)))$	0	0	$\frac{4\sqrt{\frac{2}{3}}(2a_1+a_2+a_9)}{3(a_0^2+(2a_1+a_2)(2a_1+a_2+3a_3-16a_6+4a_7)-a_9^2-a_0(6a_1+3a_2+3a_3-16a_6+4a_7+2a_9))}$	$-((4(2a_1+a_2+a_9)/(3\sqrt{3}(a_0^2+(2a_1+a_2)(2a_1+a_2+3a_3-16a_6+4a_7)-a_9^2-a_0(6a_1+3a_2+3a_3-16a_6+4a_7+2a_9))))$	0
$\Delta_{1^+}^{\#2}{}_{\alpha}$	0	0	0	$(4\sqrt{2}(3a_0^2-4a_1^2-a_2^2-3a_3(3a_3+4(-4a_6+a_7))-6a_3a_9-a_9^2-2a_2(3a_3+a_9)-4a_1(a_2+3a_3+a_9)-6a_0(2a_1+a_2+a_3-8a_6+2a_7+a_9)))/(3(2a_0+2a_1+a_2+3a_3)(2a_1+a_2+3a_3-16a_6+4a_7)-a_9^2-a_0(6a_1+3a_2+3a_3-16a_6+4a_7+2a_9)))$	$-\frac{4}{3(2a_0+2a_1+a_2+3a_3)}+(8(a_0-4a_1-2a_2-3a_3+16a_6-4a_7-2a_9)/(3(a_0^2+(2a_1+a_2)(2a_1+a_2+3a_3-16a_6+4a_7)-a_9^2-a_0(6a_1+3a_2+3a_3-16a_6+4a_7+2a_9))))$	0	0	$\frac{(8(2a_1+a_2+a_9))/(3\sqrt{3}(a_0^2+(2a_1+a_2)(2a_1+a_2+3a_3-16a_6+4a_7)-a_9^2-a_0(6a_1+3a_2+3a_3-16a_6+4a_7+2a_9)))$	$-((4\sqrt{\frac{2}{3}}(2a_1+a_2+a_9)/(3(a_0^2+(2a_1+a_2)(2a_1+a_2+3a_3-16a_6+4a_7)-a_9^2-a_0(6a_1+3a_2+3a_3-16a_6+4a_7+2a_9))))$	0
$\Delta_{1^+}^{\#3}{}_{\alpha}$	0	0	0	0	0	0	$-\frac{5}{18(a_0+4a_6-4a_7)}$	$\frac{\sqrt{5}}{18(a_0+4a_6-4a_7)}$	0	0
$\Delta_{1^+}^{\#4}{}_{\alpha}$	0	0	0	0	0	0	$\frac{\sqrt{5}}{18(a_0+4a_6-4a_7)}$	$\frac{1}{-18(a_0+4a_6)+72a_7}$	0	0
$\Delta_{1^+}^{\#5}{}_{\alpha}$	0	0	0	$\frac{4\sqrt{\frac{2}{3}}(2a_1+a_2+a_9)}{3(a_0^2+(2a_1+a_2)(2a_1+a_2+3a_3-16a_6+4a_7)-a_9^2-a_0(6a_1+3a_2+3a_3-16a_6+4a_7+2a_9))}$	0	0	0	0	$\frac{8(a_0+2a_1+a_2)}{9(a_0^2+(2a_1+a_2)(2a_1+a_2+3a_3-16a_6+4a_7)-a_9^2-a_0(6a_1+3a_2+3a_3-16a_6+4a_7+2a_9))}$	0
$\Delta_{1^+}^{\#6}{}_{\alpha}$	0	0	0	$-((4(2a_1+a_2+a_9)/(3\sqrt{3}(a_0^2+(2a_1+a_2)(2a_1+a_2+3a_3-16a_6+4a_7)-a_9^2-a_0(6a_1+3a_2+3a_3-16a_6+4a_7+2a_9))))$	$-((4\sqrt{\frac{2}{3}}(2a_1+a_2+a_9)/(3(a_0^2+(2a_1+a_2)(2a_1+a_2+3a_3-16a_6+4a_7)-a_9^2-a_0(6a_1+3a_2+3a_3-16a_6+4a_7+2a_9))))$	0	0	$\frac{4\sqrt{2}(-a_0+2a_1+a_2)}{9(a_0^2+(2a_1+a_2)(2a_1+a_2+3a_3-16a_6+4a_7)-a_9^2-a_0(6a_1+3a_2+3a_3-16a_6+4a_7+2a_9))}$	0	
$\mathcal{T}_{1^+}^{\#1}{}_{\alpha}$	0	0	0	0	0	0	0	0	0	0

	$\Gamma_1^{\#1}{}^+{}_{a\beta}$	$\Gamma_1^{\#2}{}^+{}_{a\beta}$	$\Gamma_1^{\#3}{}^+{}_{a\beta}$	$\Gamma_1^{\#1}{}^+{}_{\alpha}$	$\Gamma_1^{\#2}{}^+{}_{\alpha}$	$\Gamma_1^{\#3}{}^+{}_{\alpha}$	$\Gamma_1^{\#4}{}^+{}_{\alpha}$	$\Gamma_1^{\#5}{}^+{}_{\alpha}$	$\Gamma_1^{\#6}{}^+{}_{\alpha}$	$h_1^{\#1}{}^+{}_{\alpha}$
$\Gamma_1^{\#1}{}^+{}_{a\beta}$	$\frac{3}{4}(-a_0-6a_1+5a_2)$	$-\frac{a_0+2a_1-3a_2}{2\sqrt{2}}$	$\frac{1}{4}(-2a_1-a_2-a_9)$	0	0	0	0	0	0	0
$\Gamma_1^{\#2}{}^+{}_{a\beta}$	$-\frac{a_0+2a_1-3a_2}{2\sqrt{2}}$	$\frac{1}{2}(-2a_1+a_2)$	$\frac{2a_1+a_2+a_9}{2\sqrt{2}}$	0	0	0	0	0	0	0
$\Gamma_1^{\#3}{}^+{}_{a\beta}$	$\frac{1}{4}(-2a_1-a_2-a_9)$	$\frac{2a_1+a_2+a_9}{2\sqrt{2}}$	$\frac{3}{4}(a_0-4a_1-2a_2-3a_3+16a_6-4a_7-2a_9)$	0	0	0	0	0	0	0
$\Gamma_1^{\#1}{}^+{}_{\alpha}$	0	0	0	$\frac{1}{4}(-a_0-2a_1-a_2-2a_3)$	$\frac{a_0+a_3}{2\sqrt{2}}$	0	0	$-\frac{2a_1+a_2+a_9}{2\sqrt{6}}$	$\frac{2a_1+a_2+a_9}{4\sqrt{3}}$	0
$\Gamma_1^{\#2}{}^+{}_{\alpha}$	0	0	0	$\frac{a_0+a_3}{2\sqrt{2}}$	$\frac{1}{4}(-2a_1-a_2-a_3)$	0	0	$-\frac{2a_1+a_2+a_9}{2\sqrt{3}}$	$\frac{2a_1+a_2+a_9}{2\sqrt{6}}$	0
$\Gamma_1^{\#3}{}^+{}_{\alpha}$	0	0	0	0	0	$-\frac{5}{2}(a_0+4a_6-4a_7)$	$\frac{1}{2}\sqrt{5}(a_0+4a_6-4a_7)$	0	0	0
$\Gamma_1^{\#4}{}^+{}_{\alpha}$	0	0	0	0	0	$\frac{1}{2}\sqrt{5}(a_0+4a_6-4a_7)$	$-\frac{a_0}{2}-2a_6+2a_7$	0	0	0
$\Gamma_1^{\#5}{}^+{}_{\alpha}$	0	0	0	$-\frac{2a_1+a_2+a_9}{2\sqrt{6}}$	$-\frac{2a_1+a_2+a_9}{2\sqrt{3}}$	0	0	$\frac{1}{2}(a_0-4a_1-2a_2-3a_3+16a_6-4a_7-2a_9)$	$\frac{-a_0+4a_1+2a_2+3a_3-16a_6+4a_7+2a_9}{2\sqrt{2}}$	0
$\Gamma_1^{\#6}{}^+{}_{\alpha}$	0	0	0	$\frac{2a_1+a_2+a_9}{4\sqrt{3}}$	$\frac{2a_1+a_2+a_9}{2\sqrt{6}}$	0	0	$\frac{-a_0+4a_1+2a_2+3a_3-16a_6+4a_7+2a_9}{2\sqrt{2}}$	$\frac{1}{4}(a_0-4a_1-2a_2-3a_3+16a_6-4a_7-2a_9)$	0
$h_1^{\#1}{}^+{}_{\alpha}$	0	0	0	0	0	0	0	0	0	0

<div> <div>Lagrangian density</div> <div> <math display="block">\begin{aligned} &amp; \frac{2}{3}a_1\Gamma_a^X\chi^{\Gamma a\beta}_{\beta}+\frac{1}{3}a_2\Gamma_a^X\chi^{\Gamma a\beta}_{\beta}+\frac{1}{2}a_3\Gamma_a^X\chi^{\Gamma a\beta}_{\beta}-2a_6\Gamma_a^X\chi^{\Gamma a\beta}_{\beta}+\\ &amp; \frac{1}{3}a_9\Gamma_a\chi^{\Gamma a\beta}_{\beta}-\frac{1}{2}a_0\Gamma_{a\beta\chi}\Gamma^{a\beta\chi}-\frac{3}{2}a_1\Gamma_{a\beta\chi}\Gamma^{a\beta\chi}-\frac{1}{2}a_2\Gamma_{a\beta\chi}\Gamma^{a\beta\chi}-\\ &amp; \frac{3}{4}a_3\Gamma_{a\beta\chi}\Gamma^{a\beta\chi}+2a_6\Gamma_{a\beta\chi}\Gamma^{a\beta\chi}+a_7\Gamma_{a\beta\chi}\Gamma^{a\beta\chi}-\frac{1}{2}a_9\Gamma_{a\beta\chi}\Gamma^{a\beta\chi}-\\ &amp; \frac{1}{4}a_0\Gamma_{a\beta\chi}\Gamma^{a\beta\chi}-\frac{1}{2}a_1\Gamma_{a\beta\chi}\Gamma^{a\beta\chi}-\frac{3}{4}a_2\Gamma_{a\beta\chi}\Gamma^{a\beta\chi}-\frac{3}{4}a_3\Gamma_{a\beta\chi}\Gamma^{a\beta\chi}+\\ &amp; 2a_6\Gamma_{a\beta\chi}\Gamma^{a\beta\chi}+a_7\Gamma_{a\beta\chi}\Gamma^{a\beta\chi}-\frac{1}{2}a_9\Gamma_{a\beta\chi}\Gamma^{a\beta\chi}-\frac{1}{2}a_0\Gamma^{a\beta\chi}\Gamma_{\beta a\chi}+\\ &amp; \frac{1}{4}a_1\Gamma^{a\beta\chi}\Gamma_{\beta a\chi}-\frac{3}{8}a_2\Gamma^{a\beta\chi}\Gamma_{\beta a\chi}+\frac{3}{8}a_3\Gamma^{a\beta\chi}\Gamma_{\beta a\chi}-4a_6\Gamma^{a\beta\chi}\Gamma_{\beta a\chi}+\\ &amp; \frac{5}{2}a_7\Gamma^{a\beta\chi}\Gamma_{\beta a\chi}-\frac{5}{2}a_0\Gamma^{a\beta\chi}\Gamma_{\beta a\chi}+\frac{1}{2}a_1\Gamma^{a\beta\chi}\Gamma_{\beta a\chi}+\frac{5}{2}a_2\Gamma^{a\beta\chi}\Gamma_{\beta a\chi}+\\ &amp; \frac{3}{4}a_3\Gamma^{a\beta\chi}\Gamma_{\beta a\chi}-8a_6\Gamma^{a\beta\chi}\Gamma_{\beta a\chi}+5a_7\Gamma^{a\beta\chi}\Gamma_{\beta a\chi}+\frac{1}{2}a_9\Gamma^{a\beta\chi}\Gamma_{\beta a\chi}+\\ &amp; \frac{1}{2}a_0\Gamma^{a\beta}\Gamma_{\beta}^X\chi^{\Gamma a\beta}_{\beta}-a_1\Gamma^{a\beta}\Gamma_{\beta}^X\chi^{\Gamma a\beta}_{\beta}-\frac{1}{2}a_2\Gamma^{a\beta}\Gamma_{\beta}^X\chi^{\Gamma a\beta}_{\beta}+\frac{1}{2}a_3\Gamma^{a\beta}\Gamma_{\beta}^X\chi^{\Gamma a\beta}_{\beta}-\\ &amp; 4a_6\Gamma^{a\beta}\Gamma_{\beta}^X\chi^{\Gamma a\beta}_{\beta}-2a_7\Gamma^{a\beta}\Gamma_{\beta}^X\chi^{\Gamma a\beta}_{\beta}-\frac{1}{2}a_9\Gamma^{a\beta}\Gamma_{\beta}^X\chi^{\Gamma a\beta}_{\beta}+\frac{1}{2}a_0\Gamma^{a\beta}a\Gamma_{\beta}^X\chi^{\Gamma a\beta}_{\beta}-\\ &amp; \frac{1}{3}a_1\Gamma^{a\beta}a\Gamma_{\beta}^X\chi^{\Gamma a\beta}_{\beta}-\frac{1}{6}a_2\Gamma^{a\beta}a\Gamma_{\beta}^X\chi^{\Gamma a\beta}_{\beta}-\frac{1}{3}a_3\Gamma^{a\beta}a\Gamma_{\beta}^X\chi^{\Gamma a\beta}_{\beta}+4a_6\Gamma^{a\beta}a\Gamma_{\beta}^X\chi^{\Gamma a\beta}_{\beta}-\\ &amp; 2a_7\Gamma^{a\beta}a\Gamma_{\beta}^X\chi^{\Gamma a\beta}_{\beta}-\frac{1}{2}a_9\Gamma^{a\beta}a\Gamma_{\beta}^X\chi^{\Gamma a\beta}_{\beta}-\frac{1}{2}a_0\Gamma^{a\beta\chi}\Gamma_{\chi\beta a}+\frac{5}{4}a_1\Gamma^{a\beta\chi}\Gamma_{\chi\beta a}+\\ &amp; \frac{1}{8}a_2\Gamma^{a\beta\chi}\Gamma_{\chi\beta a}+\frac{3}{8}a_3\Gamma^{a\beta\chi}\Gamma_{\chi\beta a}-4a_6\Gamma^{a\beta\chi}\Gamma_{\chi\beta a}+\frac{5}{2}a_7\Gamma^{a\beta\chi}\Gamma_{\chi\beta a}+\\ &amp; \frac{1}{2}a_9\Gamma^{a\beta\chi}\Gamma_{\chi\beta a}+\frac{1}{2}a_0\Gamma^{a\beta}\Gamma_{\chi}^X\chi^{\Gamma a\beta}_{\beta}+\frac{1}{3}a_1\Gamma^{a\beta}\Gamma_{\chi}^X\chi^{\Gamma a\beta}_{\beta}+\frac{1}{6}a_2\Gamma^{a\beta}\Gamma_{\chi}^X\chi^{\Gamma a\beta}_{\beta}+\\ &amp; \frac{1}{2}a_3\Gamma^{a\beta}\Gamma_{\chi}^X\chi^{\Gamma a\beta}_{\beta}-a_7\Gamma^{a\beta}\Gamma_{\chi}^X\chi^{\Gamma a\beta}_{\beta}+\frac{1}{6}a_9\Gamma^{a\beta}\Gamma_{\chi}^X\chi^{\Gamma a\beta}_{\beta}-\frac{1}{2}a_7\Gamma^{a\beta}\Gamma_{\chi}^X\chi^{\Gamma a\beta}_{\beta}+\\ &amp; \frac{1}{3}a_1\Gamma^{a\beta}\Gamma_{\chi\beta}^X+\frac{1}{6}a_2\Gamma^{a\beta}\Gamma_{\chi\beta}^X-\frac{1}{2}a_7\Gamma^{a\beta}\Gamma_{\chi\beta}^X+\frac{1}{6}a_9\Gamma^{a\beta}\Gamma_{\chi\beta}^X-\frac{1}{2}a_0\Gamma^{a\beta\chi}\partial_{\beta}h^{\chi\chi}_{\alpha}-\\ &amp; \frac{1}{4}a_0\Gamma^{a\beta\chi}\partial_{\beta}h^{\chi\chi}_{\alpha}-\frac{1}{4}a_0\Gamma^{a\beta}\partial_{\beta}h^{\chi\chi}_{\alpha}+\frac{1}{4}a_0\Gamma^{a\beta}\partial_{\beta}h^{\chi\chi}_{\alpha}-\frac{1}{4}a_0h^{\chi\chi}\partial_{\beta}h^{\chi\chi}_{\alpha}+\frac{1}{2}a_0h^{\chi\chi}\partial_{\beta}h^{\chi\chi}_{\alpha}-\\ &amp; \frac{1}{2}a_0h^{\chi\chi}\partial_{\beta}h^{\chi\chi}_{\alpha}-\frac{1}{2}a_0h_{a\chi}\partial_{\beta}h^{a\beta\chi}+\frac{1}{2}a_0h^{a\beta}\partial_{\beta}h^{\chi\chi}_{\alpha}-\frac{1}{2}a_0\partial_{\beta}h^{\chi\chi}_{\alpha}\partial^{\beta}h^{\chi\chi}_{\alpha}+\\ &amp; \frac{1}{2}a_0\Gamma^{a\beta}\partial_{\beta}h^{\chi\chi}_{\alpha}+\frac{1}{4}a_0\partial_{\beta}h^{\chi\chi}_{\alpha}\partial^{\beta}h^{\chi\chi}_{\alpha}-\frac{1}{2}a_0h^{a\beta}\partial_{\chi}\partial_{\beta}h^{\chi\chi}_{\alpha}+\frac{1}{2}a_0h^{\chi\chi}\partial_{\alpha}\partial_{\beta}h^{\beta\chi}_{\alpha}+\\ &amp; \frac{1}{4}a_0h^{a\beta}\partial_{\chi}\partial_{\beta}h_{a\beta}-\frac{1}{4}a_0h^{\chi\chi}\partial_{\chi}\partial_{\beta}h^{\beta}_{\beta}-\frac{1}{4}a_0\partial_{\beta}h^{\chi\chi}_{a\chi}\partial^{\beta}h^{a\beta}+\\ &amp; \frac{1}{4}a_0\partial_{\chi}h_{a\beta}\partial^{\beta}h^{a\beta}+\frac{1}{2}a_0h_{\beta\chi}\partial^{\chi}\Gamma^{a\beta}_{\beta}+2c_1\partial_{\alpha}\Gamma_{\beta\chi\mu}\partial^{\mu}\Gamma^{a\beta\chi}_{\beta}-\\ &amp; 2c_1\partial_{\alpha}\Gamma_{\beta\chi\mu}\partial^{\mu}\Gamma^{a\beta\chi}_{\beta}-2c_1\partial_{\alpha}\Gamma_{\chi\beta\mu}\partial^{\mu}\Gamma^{a\beta\chi}_{\beta}+2c_1\partial_{\alpha}\Gamma_{\chi\beta\mu}\partial^{\mu}\Gamma^{a\beta\chi}_{\beta}+\\ &amp; c_1\partial_{\alpha}\Gamma_{\mu\beta\chi}\partial^{\mu}\Gamma^{a\beta\chi}_{\beta}-c_1\partial_{\alpha}\Gamma_{\mu\chi\beta}\partial^{\mu}\Gamma^{a\beta\chi}_{\beta}-2c_1\partial_{\beta}\partial_{\alpha\mu}\partial^{\mu}\Gamma^{a\beta\chi}_{\beta}+\\ &amp; c_1\partial_{\beta}\Gamma_{a\mu\chi}\partial^{\mu}\Gamma^{a\beta\chi}_{\beta}-c_1\partial_{\beta}\Gamma_{\chi\mu a}\partial^{\mu}\Gamma^{a\beta\chi}_{\beta}+c_1\partial_{\chi}\Gamma_{a\beta\mu}\partial^{\mu}\Gamma^{a\beta\chi}_{\beta}-\\ &amp; c_1\partial_{\chi}\Gamma_{\beta\mu a}\partial^{\mu}\Gamma^{a\beta\chi}_{\beta}+2c_1\partial_{\chi}\Gamma_{\beta\mu a}\partial^{\mu}\Gamma^{a\beta\chi}_{\beta}-c_1\partial_{\chi}\Gamma_{a\beta\chi}\partial^{\mu}\Gamma^{a\beta\chi}_{\beta}+\\ &amp; c_1\partial_{\chi}\Gamma_{a\beta\chi}\partial^{\mu}\Gamma^{a\beta\chi}_{\beta}+c_1\partial_{\chi}\Gamma_{\beta a\chi}\partial^{\mu}\Gamma^{a\beta\chi}_{\beta}-2c_1\partial_{\chi}\Gamma_{\beta a\chi}\partial^{\mu}\Gamma^{a\beta\chi}_{\beta}+\\ &amp; c_1\partial_{\chi}\Gamma_{\chi\beta a}\partial^{\mu}\Gamma^{a\beta\chi}_{\beta}+c_1\partial_{\chi}\partial_{\beta}h_{a\mu}\partial^{\mu}\partial^{\beta}h^{a\beta}_{\beta}-c_1\partial_{\beta}\partial_{\beta}h^{\chi\chi}_{a\chi}\partial^{\mu}\partial^{\beta}h^{a\beta}_{\beta} \end{aligned}</math> </div> </div>	<div> <div>Added source term:</div> <div> <math display="block">h^{a\beta}\mathcal{T}_{a\beta}+\Gamma^{a\beta\chi}\Delta_{a\beta\chi}</math> </div> </div>
---	--

	$\Delta_2^{\#1}{}^+{}_{a\beta}$	$\Delta_2^{\#2}{}^+{}_{a\beta}$	$\Delta_2^{\#3}{}^+{}_{a\beta}$	$\mathcal{T}_2^{\#1}{}^+{}_{a\beta}$	$\Delta_2^{\#1}{}^+{}_{a\beta\chi}$	$\Delta_2^{\#2}{}^+{}_{a\beta\chi}$
$\Delta_2^{\#1}{}^+{}_{a\beta}$	$\frac{4(a_0-4a_1-2a_2-3a_3+16a_6-4a_7-2a_9)}{a_0^2+(2a_1+a_2)(2a_1+a_2+3a_3-16a_6+4a_7)+a_9^2-a_0(6a_1+3a_2+3a_3-16a_6+4a_7+2a_9)}$	0	$\frac{4(2a_1+a_2+a_9)}{\sqrt{3}(a_0^2+(2a_1+a_2)(2a_1+a_2+3a_3-16a_6+4a_7)+a_9^2-a_0(6a_1+3a_2+3a_3-16a_6+4a_7+2a_9))}$	0	0	0
$\Delta_2^{\#2}{}^+{}_{a\beta}$	0	$\frac{1}{-3(a_0+4a_6)+12a_7}$	0	0	0	0
$\Delta_2^{\#3}{}^+{}_{a\beta}$	$\frac{4(2a_1+a_2+a_9)}{\sqrt{3}(a_0^2+(2a_1+a_2)(2a_1+a_2+3a_3-16a_6+4a_7)+a_9^2-a_0(6a_1+3a_2+3a_3-16a_6+4a_7+2a_9))}$	0	$\frac{4(a_0+2a_1+a_2)}{3(a_0^2+(2a_1+a_2)(2a_1+a_2+3a_3-16a_6+4a_7)+a_9^2-a_0(6a_1+3a_2+3a_3-16a_6+4a_7+2a_9))}$	0	0	0
$\mathcal{T}_2^{\#1}{}^+{}_{a\beta}$	0	0	0	$-\frac{8}{a_0\epsilon^2}$	0	0
$\Delta_2^{\#1}{}^+{}_{a\beta\chi}$	0	0	$\frac{4(a_0-4a_1-2a_2-3a_3+16a_6-4a_7-2a_9)}{a_0^2+(2a_1+a_2)(2a_1+a_2+3a_3-16a_6+4a_7)+a_9^2-a_0(6a_1+3a_2+3a_3-16a_6+4a_7+2a_9)}$	0	$\frac{4(2a_1+a_2+a_9)}{\sqrt{3}(a_0^2+(2a_1+a_2)(2a_1+a_2+3a_3-16a_6+4a_7)+a_9^2-a_0(6a_1+3a_2+3a_3-16a_6+4a_7+2a_9))}$	0
$\Delta_2^{\#2}{}^+{}_{a\beta\chi}$	0	0	$\frac{4(2a_1+a_2+a_9)}{\sqrt{3}(a_0^2+(2a_1+a_2)(2a_1+a_2+3a_3-16a_6+4a_7)+a_9^2-a_0(6a_1+3a_2+3a_3-16a_6+4a_7+2a_9))}$	0	$\frac{4(a_0+2a_1+a_2)}{3(a_0^2+(2a_1+a_2)(2a_1+a_2+3a_3-16a_6+4a_7)+a_9^2-a_0(6a_1+3a_2+3a_3-16a_6+4a_7+2a_9))}$	0

	$\Gamma_2^{\#1}{}^+{}_{a\beta}$	$\Gamma_2^{\#2}{}^+{}_{a\beta}$	$\Gamma_2^{\#3}{}^+{}_{a\beta}$	$h_2^{\#1}{}^+{}_{a\beta}$	$\Gamma_2^{\#1}{}^+{}_{a\beta\chi}$	$\Gamma_2^{\#2}{}^+{}_{a\beta\chi}$
$\Gamma_2^{\#1}{}^+{}_{a\beta}$	$\frac{1}{4}(a_0-2a_1-a_2)$	0	$-\frac{1}{4}\sqrt{3}(2a_1+a_2+a_9)$	0	0	0
$\Gamma_2^{\#2}{}^+{}_{a\beta}$	0	$-3(a_0+4a_6-4a_7)$	0	0	0	0
$\Gamma_2^{\#3}{}^+{}_{a\beta}$	$-\frac{1}{4}\sqrt{3}(2a_1+a_2+a_9)$	0	$\frac{3}{4}(a_0-4a_1-2a_2-3a_3+16a_6-4a_7-2a_9)$	0	0	0
$h_2^{\#1}{}^+{}_{a\beta}$	0	0	0	$-\frac{a_0\epsilon^2}{8}$	0	0
$\Gamma_2^{\#1}{}^+{}_{a\beta\chi}$	0	0	0	0	$\frac{1}{4}(a_0-2a_1-a_2)$	$-\frac{1}{4}\sqrt{3}(2a_1+a_2+a_9)$
$\Gamma_2^{\#2}{}^+{}_{a\beta\chi}$	0	0	0	0	$-\frac{1}{4}\sqrt{3}(2a_1+a_2+a_9)$	$\frac{3}{4}(a_0-4a_1-2a_2-3a_3+16a_6-4a_7-2a_9)$

Source constraints	
SO(3) irreps	#
$\mathcal{T}_{0+}^{\#2} = 0$	1
$\Delta_{0+}^{\#4} = 0$	1
$\Delta_{0+}^{\#3} + 3\Delta_{0+}^{\#2} = 0$	1
$\mathcal{T}_{1,\alpha}^{\#1} = 0$	3
$\Delta_{1,\alpha}^{\#6} + \Delta_{1,\alpha}^{\#5} = 0$	3
$\Delta_{1,\alpha}^{\#4} + \Delta_{1,\alpha}^{\#3} = 0$	3
Total #:	12