$ au_1^{\#2}$	0	0	0	$\frac{2ik}{t_1 + 2k^2t_1}$	$-\frac{i\sqrt{2}}{(t_1+2k^2t_1)^2}$	0	$\frac{-4k^4r_5 + 2k^2t_1}{(t_1 + 2k^2t_1)^2}$
$\tau_{1^{-}\alpha}^{\#1}$	0	0	0	0	0	0	0
$\sigma_{1}^{\#2}{}_{lpha}$	0	0	0	$\frac{\sqrt{2}}{t_1 + 2 k^2 t_1}$	$\frac{-2k^2r_5+t_1}{(t_1+2k^2t_1)^2}$	0	$\frac{i\sqrt{2} k(2k^2 r_5 - t_1)}{(t_1 + 2k^2 t_1)^2}$
$\sigma_{1^{-}\alpha}^{\#1}$	0	0	0	0	$\frac{\sqrt{2}}{t_1 + 2 k^2 t_1}$	0	$-\frac{2ik}{t_1+2k^2t_1}$
$\tau_{1}^{\#1}{}_{+}\alpha\beta$	$\frac{i}{\sqrt{2} \; (k r_5 + k^3 r_5)}$	$\frac{i(6k^2r_5+t_1)}{2k(1+k^2)^2r_5t_1}$	$\frac{6k^2r_5+t_1}{2(1+k^2)^2r_5t_1}$	0	0	0	0
$\sigma_1^{\#_2} \alpha_\beta$	$\frac{1}{\sqrt{2} \left(k^2 r_5 + k^4 r_5 \right)}$	$\frac{6k^2r_5+t_1}{2(k+k^3)^2r_5t_1}$	$-\frac{i(6k^2r_5+t_1)}{2k(1+k^2)^2r_5t_1}$	0	0	0	0
$\sigma_1^{\#1}{}_+\alpha\beta$		$\frac{1}{\sqrt{2} \left(k^2 r_5 + k^4 r_5 \right)}$	$-\frac{i}{\sqrt{2} \; (k r_5 + k^3 r_5)}$	0	0	0	0
·	$\int_{1}^{\#1} + \alpha \beta$	$\sigma_1^{\#2} + \alpha \beta$	$\tau_1^{\#1} + \alpha \beta$	$\sigma_{1}^{\#1} +^{\alpha}$	$\sigma_1^{\#2} +^{\alpha}$	$\tau_{1}^{\#1} +^{\alpha}$	$\tau_{1}^{\#2} + \alpha$

	$\sigma_{2^{+}lphaeta}^{\sharp1}$	$ au_2^{\#1}{}_{lphaeta}$	$\sigma_{2}^{\#1}{}_{\alpha\beta\chi}$
$\sigma_{2}^{\#1} \dagger^{lphaeta}$	$\frac{2}{(1+2k^2)^2t_1}$	$-\frac{2i\sqrt{2}k}{(1+2k^2)^2t_1}$	0
$ au_2^{\#1} \dagger^{lphaeta}$	$\frac{2 i \sqrt{2} k}{(1+2 k^2)^2 t_1}$	$\frac{4k^2}{(1+2k^2)^2t_1}$	0
$\sigma_2^{\sharp 1} \dagger^{\alpha\beta\chi}$	0	0	$\frac{2}{t_1}$

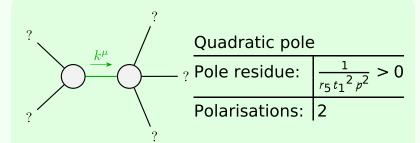
	$\omega_{0^+}^{\sharp 1}$	$f_{0}^{#1}$	$f_{0+}^{#2}$	$\omega_0^{\#1}$
$\omega_{0^+}^{\sharp 1}\dagger$	-t ₁	$i \sqrt{2} kt_1$	0	0
$f_{0}^{#1}\dagger$	$-i \sqrt{2} kt_1$	$-2 k^2 t_1$	0	0
$f_{0}^{#2} \dagger$	0	0	0	0
$\omega_{0}^{\sharp 1}$ †	0	0	0	0

	$\omega_{2^{+}\alpha\beta}^{\#1}$	$f_{2}^{\#1}{}_{\alpha\beta}$	$\omega_{2}^{\#1}{}_{\alpha\beta\chi}$
$\omega_{2}^{#1} \dagger^{\alpha\beta}$	<u>t</u> 1 2	$-\frac{i k t_1}{\sqrt{2}}$	0
$f_{2}^{#1} \dagger^{\alpha\beta}$	$\frac{i k t_1}{\sqrt{2}}$	$k^2 t_1$	0
$\omega_2^{#1} \dagger^{\alpha\beta\chi}$	0	0	<u>t</u> 1 2

	$\sigma_{0}^{\#1}$	$\tau_{0}^{\#1}$	$ au_0^{\#2}$	$\sigma_0^{\#1}$
$\sigma_{0}^{\#1}$ †	$-\frac{1}{(1+2k^2)^2t_1}$	$\frac{i\sqrt{2} k}{(1+2k^2)^2 t_1}$	0	0
$\tau_{0}^{\#1}$ †	$-\frac{i\sqrt{2} k}{(1+2k^2)^2 t_1}$	$-\frac{2k^2}{(1+2k^2)^2t_1}$	0	0
$ au_{0}^{\#2} \dagger$	0	0	0	0
$\sigma_0^{\#1}$ †	0	0	0	0

Source constraints	
SO(3) irreps	#
$\sigma_0^{\#1} == 0$	1
$\tau_{0+}^{#2} == 0$	1
$\tau_{0+}^{\#1} - 2 \bar{\imath} k \sigma_{0+}^{\#1} == 0$	1
$\tau_1^{\#2\alpha} + 2 i k \sigma_1^{\#2\alpha} == 0$	n
$\tau_{1}^{\#1\alpha} == 0$	3
$\tau_{1+}^{\#1}{}^{\alpha\beta} + ik \sigma_{1+}^{\#2}{}^{\alpha\beta} == 0$	3
$\tau_{2+}^{\#1\alpha\beta} - 2 \bar{i} k \sigma_{2+}^{\#1\alpha\beta} == 0$	5
Total #:	1

	$\omega_{1^{+}lphaeta}^{\sharp1}$	$\omega_{1}^{\#2}{}_{\alpha\beta}$	$f_{1^{+}\alpha\beta}^{\#1}$	$\omega_{1-lpha}^{\#1}$	$\omega_{1-\alpha}^{\#2}$	$f_{1-\alpha}^{\#1}$	$f_{1-\alpha}^{#2}$
$\omega_{\scriptscriptstyle 1}^{\scriptscriptstyle \#1}\dagger^{lphaeta}$	$k^2 r_5 + \frac{t_1}{6}$	$-\frac{t_1}{3\sqrt{2}}$	$-\frac{ikt_1}{3\sqrt{2}}$	0	0	0	0
$\omega_{\scriptscriptstyle 1}^{\scriptscriptstyle \#2}\dagger^{lphaeta}$	$-\frac{t_1}{3\sqrt{2}}$	<u>t1</u> 3	<u>i kt</u> 3	0	0	0	0
$f_{1}^{\#1} \dagger^{\alpha\beta}$	$\frac{ikt_1}{3\sqrt{2}}$	$-\frac{1}{3}ikt_1$	$\frac{k^2t_1}{3}$	0	0	0	0
$\omega_{1}^{\sharp 1} \dagger^{lpha}$	0	0	0	$k^2 r_5 - \frac{t_1}{2}$	$\frac{t_1}{\sqrt{2}}$	0	īkt ₁
$\omega_1^{\#2} \uparrow^{\alpha}$	0	0	0	$\frac{t_1}{\sqrt{2}}$	0	0	0
$f_{1}^{#1} \dagger^{\alpha}$	0	0	0	0	0	0	0
$f_{1}^{\#2} \dagger^{\alpha}$	0	0	0	$-ikt_1$	0	0	0



 $\frac{\text{Unitarity conditions}}{r_5 > 0 \&\& t_1 < 0 \mid\mid t_1 > 0}$

Lagrangian density

(No massive particles)