$\tau_{1}^{\#2}{}_{\alpha}$	0	0	0	- <u>i</u> kr5+2 k³ r5	$\frac{i(6k^2r_5+t_1)}{\sqrt{2}k(1+2k^2)^2r_5t_1}$	0	$\frac{6 k^2 r_5 + t_1}{(1 + 2 k^2)^2 r_5 t_1}$
$\tau_{1^-}^{\#1}\alpha$	0	0	0	0	0	0	0
$\sigma_{1}^{\#2}{}_{\alpha}$	0	0	0	$-\frac{1}{\sqrt{2} \; (k^2 \; r_5 + 2 \; k^4 \; r_5)}$	$\frac{6k^2r_5+t_1}{2(k+2k^3)^2r_5t_1}$	0	$-\frac{i(6k^2r_5+t_1)}{\sqrt{2}k(1+2k^2)^2r_5t_1}$
$\sigma_{1^{-}\alpha}^{\#1}$	0	0	0	$\frac{1}{k^2 r_5}$	$-\frac{1}{\sqrt{2} (k^2 r_5 + 2 k^4 r_5)}$	0	i kr5+2k³r5
$\tau_{1}^{\#1}{}_{\alpha\beta}$	$-\frac{i\sqrt{2}k}{t_1+k^2t_1}$	$-\frac{i(2k^3r_5-kt_1)}{(1+k^2)^2t_1^2}$	$\frac{-2k^4r_5+k^2t_1}{(1+k^2)^2t_1^2}$	0	0	0	0
$\sigma_{1}^{\#2}{}_{lphaeta}$	$-\frac{\sqrt{2}}{t_1+k^2t_1}$	$\frac{-2k^2r_5+t_1}{(1+k^2)^2t_1^2}$	$\frac{i(2k^3r_5-kt_1)}{(1+k^2)^2t_1^2}$	0	0	0	0
$\sigma_1^{\#1}{}_+\alpha\beta$	0	$-\frac{\sqrt{2}}{t_1+k^2t_1}$	$\frac{i\sqrt{2}k}{t_1+k^2t_1}$	0	0	0	0
	$\sigma_{1}^{\#1} + \alpha^{eta}$	$\sigma_{1}^{#2} + \alpha \beta$	$\tau_{1}^{#1} + \alpha \beta$	$\sigma_{1^{\bar{-}}}^{\#_1} +^{\alpha}$	$\sigma_{1}^{\#2} +^{lpha}$	$\tau_{1}^{\#1} + ^{lpha}$	$\tau_1^{\#2} + \alpha$

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

$\omega_{2^{+}\alpha\beta}^{\#1} f_{2^{+}\alpha\beta}^{\#1} \omega_{2^{-}\alpha\beta\chi}^{\#1}$						
$\omega_{2}^{\#1}\dagger^{lphaeta}$	<u>t</u> 1 2	$-\frac{ikt_1}{\sqrt{2}}$	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			

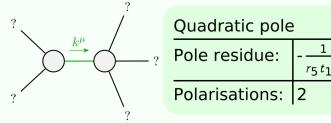
$f_{1^-}^{\#2}{}_{lpha}$	0	0	0	<u> </u>	$\frac{1}{3}\bar{I}\sqrt{2}kt_1$	0	$\frac{2k^2t_1}{3}$
$f_{1^{-}}^{\#1}{}_{\alpha}$	0	0	0	0	0	0	0
$\omega_{1^{\bar{-}}\alpha}^{\#2}$	0	0	0	$\frac{t_1}{3\sqrt{2}}$	17 3	0	$-\frac{1}{3}\bar{l}\sqrt{2}kt_1$
$\omega_{1^{\bar{-}}}^{\#1}{}_{\alpha}$	0	0	0	$k^2 r_5 + \frac{t_1}{6}$	$\frac{t_1}{3\sqrt{2}}$	0	$-\frac{1}{3}$ ikt <sub>1</sub>
$f_1^{\#1}{}_{\!$	$-\frac{ikt_1}{\sqrt{2}}$	0	0	0	0	0	0
$\omega_{1}^{\#2}{}_{lphaeta}$ $f$	$-\frac{t_1}{\sqrt{2}}$	0	0	0	0	0	0
$\omega_1^{\#_+^1}{}_{\alpha\beta}$	$k^2 r_5 - \frac{t_1}{2}$	$-\frac{t_1}{\sqrt{2}}$	$\frac{i k t_1}{\sqrt{2}}$	0	0	0	0
	$_{1}^{#1}+^{\alpha\beta}$	$\omega_1^{\#2} + \alpha^{\beta}$	$_{\scriptscriptstyle L}^{\sharp 1} + \alpha \beta$	$\omega_{1^{ ext{-}1}}^{\#1} \dagger^{lpha}$	$\omega_1^{\#2} +^{lpha}$	$f_{1^{\bar{-}1}}^{\#_1} +^{\alpha}$	$f_{1}^{#2} +^{\alpha}$

_				
$\sigma_{0^{\text{-}}}^{\#1}$	0	0	0	$-\frac{1}{t_1}$
$\tau_0^{\#2}$	0	0	0	0
$\tau_0^{\#1}$	0	0	0	0
$\sigma_{0}^{\#1}$	0	0	0	0
•	+	+	+	+
	# <sub>1</sub>	# <sub>1</sub>	0 #5	0#
	P	<b>1</b>	<b>1</b>	P

Source constraints	
SO(3) irreps	#
$\sigma_{0^+}^{\#1} == 0$	1
$\tau_{0+}^{\#1} == 0$	1
$\tau_{0+}^{\#2} == 0$	1
$\tau_{1}^{\#2\alpha} + 2 i k \sigma_{1}^{\#2\alpha} == 0$	3
$\tau_{1}^{\#1}{}^{\alpha} == 0$	3
$\tau_{1+}^{\#1\alpha\beta} + i k \sigma_{1+}^{\#2\alpha\beta} == 0$	3
$\tau_{2+}^{\#1}{}^{\alpha\beta} - 2 i k \sigma_{2+}^{\#1}{}^{\alpha\beta} == 0$	5
Total #:	17

 $-\frac{1}{3}t_1\;\omega_{,}^{\alpha\prime}\;\omega_{\kappa\alpha}^{\;\;\kappa}-t_1\;\omega_{,\kappa\lambda}^{\;\;\kappa\lambda}\;\omega_{\kappa\lambda}^{\;\;\prime}+f^{\alpha\beta}\;\tau_{\alpha\beta}+\omega^{\alpha\beta\chi}\;\sigma_{\alpha\beta\chi}^{\;\;-r_5\,\partial,\omega^{\kappa\lambda}_{\;\;\kappa}\,\partial'\omega_{,\alpha}^{\;\;\alpha}-$ Lagrangian density

_	$\omega_0^{\sharp 1}$	$f_{0}^{#1}$	$f_{0}^{#2}$	$\omega_0^{\#1}$
$\omega_{0^{+}}^{\#1}$ †	0	0	0	0
$f_{0}^{#1}$ †	0	0	0	0
$f_{0^{+}}^{#2}$ †	0	0	0	0
$\omega_{0}^{#1}$ †	0	0	0	-t <sub>1</sub>



(No massive particles)