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

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

$\omega_{2^{+}\alpha\beta}^{\#1} f_{2^{+}\alpha\beta}^{\#1} \omega_{2^{-}\alpha\beta\chi}^{\#1}$							
$\omega_{2}^{\#1} \dagger^{\alpha\beta}$	<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				

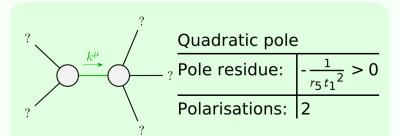
$f_{1^-}^{\#2} \alpha$	0	0	0	<i>ī k t</i> <u>1</u> 3	$\frac{1}{3}\bar{l}\sqrt{2}kt_1$	0	$\frac{2k^2t_1}{3}$
$f_{1^-}^{\#1}\alpha$	0	0	0	0	0	0	0
$\omega_{1}^{\#2}{}_{\alpha}$	0	0	0	$\frac{t_1}{3\sqrt{2}}$	2 <u>1</u> 3	0	$-\frac{1}{3}\bar{l}\sqrt{2}kt_1$
$\omega_{1^{^{-}}\alpha}^{\#1}$	0	0	0	$k^2 r_5 + \frac{t_1}{6}$	$\frac{t_1}{3\sqrt{2}}$	0	$-\frac{1}{3}$ Ikt ₁
$\beta f_1^{\#1} + \alpha \beta$	$-\frac{ikt_1}{\sqrt{2}}$	0	0	0	0	0	0
$\omega_1^{\#2}$	$-\frac{t_1}{\sqrt{2}}$	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
	$\omega_1^{#1} + \alpha^{\beta}$	$\omega_1^{\#2} + \alpha^{\beta}$	$f_1^{\#1} + \alpha \beta$	$\omega_{1}^{\#_{1}} \dotplus^{\alpha}$	$\omega_1^{\#2} + ^{lpha}$	$f_{1^{\bar{-}}}^{\#1} +^{\alpha}$	$f_{1}^{#2} +^{\alpha}$

$\sigma_{0^{-}}^{\#1}$	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
•	$\sigma_{0}^{\#1}\dagger$	$\tau_0^{\#1} +$	$\tau_0^{\#2}$ †	$\sigma_{0}^{\#1}$ \dagger

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			
$\tau_{2+}^{\#1\alpha\beta} - 2ik\sigma_{2+}^{\#1\alpha\beta} == 0$	5			
Total #:	17			

 $\tau_{\alpha\beta} + \omega^{\alpha\beta\chi} \ \sigma_{\alpha\beta\chi} - r_5 \, \partial_i \omega^{\kappa\lambda}_{\kappa} \, \partial^i \omega_{\lambda\alpha}^{\alpha} -$

_	$\omega_{0}^{\#1}$	$f_{0^{+}}^{#1}$	$f_{0^{+}}^{#2}$	$\omega_0^{\#1}$
$v_0^{\#1}$ †	0	0	0	0
$f_{0}^{#1}$ †	0	0	0	0
$f_{0}^{#2}$ †	0	0	0	0
υ ^{#1} †	0	0	0	-t ₁



(No massive particles)