$\tau_{1}^{#2} + \alpha$	$\tau_{1}^{#1} + ^{\alpha}$	$\sigma_{1}^{\#2} + \alpha$	$\sigma_{1}^{#1}\dagger^{lpha}$	$\tau_{1+}^{*1} + \alpha \beta$	$\sigma_{1^+}^{*2} + \alpha \beta$	$\sigma_{1^+}^{*1} + ^{lphaeta}$	
0	0	0	0	$\frac{i\sqrt{2}k}{t_1+k^2t_1}$	$-\frac{\sqrt{2}}{t_1+k^2t_1}$		$\sigma_{1^{+}lphaeta}^{\#1}$
0	0	0	0	$\frac{i(2k^3r_5-kt_1)}{(1+k^2)^2t_1^2}$	$\frac{-2k^2r_5+t_1}{(1+k^2)^2t_1^2}$	$-\frac{\sqrt{2}}{t_1+k^2t_1}$	$\sigma_{1}^{\#2}{}_{lphaeta}$
0	0	0	0	$\frac{-2 k^4 r_5 + k^2 t_1}{(1+k^2)^2 t_1^2}$	$-\frac{i(2k^3r_5-kt_1)}{(1+k^2)^2t_1^2}$	$-\frac{i\sqrt{2}k}{t_1+k^2t_1}$	$t_{1}^{\#1}{}_{lphaeta}$
$\frac{i}{kr_5+2k^3r_5}$	0	$-\frac{1}{\sqrt{2}(k^2r_5+2k^4r_5)}$	$\frac{1}{k^2 r_5}$	0	0	0	$\sigma_{1^-\alpha}^{\#1}$
$-\frac{i(6k^2r_5+t_1)}{\sqrt{2}k(1+2k^2)^2r_5t_1}$	0	$\frac{6k^2r_5+t_1}{2(k+2k^3)^2r_5t_1}$	$-\frac{1}{\sqrt{2} (k^2 r_5 + 2 k^4 r_5)}$	0	0	0	$\sigma^{\#^2}_{1^-lpha}$
0	0	0	0	0	0	0	$\iota_{1^{-}\alpha}^{\#1}$
$\frac{6k^2r_5+t_1}{(1+2k^2)^2r_5t_1}$	0	$\frac{i(6k^2r_5+t_1)}{\sqrt{2}k(1+2k^2)^2r_5t_1}$	$-\frac{i}{kr_5+2k^3r_5}$	0	0	0	$ au_{1^-lpha}^{#2}$

$f_{1}^{#2} +^{\alpha}$	$f_{1}^{#1} + ^{\alpha}$	$\omega_{1^{-}}^{#2} +^{\alpha}$	$\omega_{1^{-}}^{*1}\dagger^{lpha}$	$f_{1+}^{#1} \dagger^{\alpha\beta}$	$\omega_{1}^{\#2} + ^{\alpha\beta}$	$\omega_{1^+}^{*1} \dagger^{lphaeta}$	
0	0	0	0	$\frac{ikt_1}{\sqrt{2}}$	$-\frac{t_1}{\sqrt{2}}$	$k^2 r_5 - \frac{t_1}{2}$	$\omega_{1}^{\#1}{}_{lphaeta}$
0	0	0	0	0	0	$-\frac{t_1}{\sqrt{2}}$	$\omega_{1^{+}\alpha\beta}^{\#2}$
0	0	0	0	0	0	$-\frac{i kt_1}{\sqrt{2}}$	$f_{1+\alpha\beta}^{\#1}$
$-\frac{1}{3}ikt_1$	0	$\frac{t_1}{3\sqrt{2}}$	$k^2 r_5 + \frac{t_1}{6}$	0	0	0	$\omega_{1^-  lpha}^{\# 1}$
$-\frac{1}{3}i\sqrt{2}kt_1$	0	# <u>1</u> 3	$\frac{t_1}{3\sqrt{2}}$	0	0	0	$\omega_{1^-  lpha}^{\# 2}$
0	0	0	0	0	0	0	$f_{1^{-}\alpha}^{\#1}$
$\frac{2k^2t_1}{3}$	0	$\frac{1}{3}\bar{l}\sqrt{2}kt_1$	<u> </u>	0	0	0	$f_{1^-\alpha}^{\#2}$

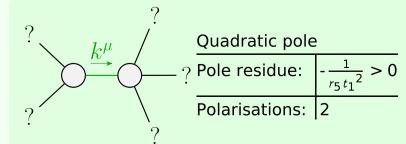
_	$\omega_{0}^{\#1}$	$f_{0}^{#1}$	$f_{0}^{#2}$	$\omega_0^{\#1}$
$\omega_{0^+}^{\#1}$ †	0	0	0	0
$f_{0}^{#1}\dagger$	0	0	0	0
$f_{0}^{#2}$ †	0	0	0	0
$\omega_{0}^{\#1}$ †	0	0	0	-t <sub>1</sub>

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

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

$\omega_{2}^{#1} \dagger^{\alpha\beta\chi}$	$f_{2}^{#1} \dagger^{\alpha\beta}$	$\omega_{2}^{*1} \dagger^{\alpha \beta}$	
0	$\frac{i k t_1}{\sqrt{2}}$	<u>t1</u> 2	$\omega_{2}^{\#1}{}_{lphaeta}$ .
0	$k^2 t_1$	$-\frac{ikt_{1}}{\sqrt{2}}$	$f_{2}^{\#1}_{\alpha\beta}$
<u>t1</u> 2	0	0	$f_{2}^{\#1}{}_{\alpha\beta}$ $\omega_{2}^{\#1}{}_{\alpha\beta\chi}$

	$\sigma_{0}^{\#1}$	$ au_{0}^{\#1}$	$ au_{0}^{\#2}$	$\sigma_0^{\#1}$
$\sigma_{0^+}^{\#1}\dagger$	0	0	0	0
$\tau_{0^{+}}^{\#1} \dagger$	0	0	0	0
$\tau_{0^{+}}^{\#2} \dagger$	0	0	0	0
$\sigma_{0}^{#1}$ †	0	0	0	$-\frac{1}{t_1}$



Unitarity conditions

 $\overline{r_5 < 0 \&\& t_1 < 0 || t_1 > 0}$ 

(No massive particles)