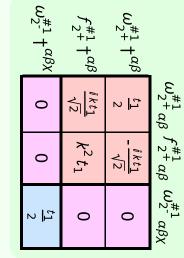


$\sigma_{2}^{*1} + ^{\alpha \beta \chi}$	$\tau_{2+}^{*1} + ^{\alpha\beta}$	$\sigma_{2^+}^{*1} \dagger^{lphaeta}$	
0	$\frac{2i\sqrt{2}k}{(1+2k^2)^2t_1}$	$\frac{2}{(1+2k^2)^2t_1}$	$\sigma_{2}^{\#1}{}_{lphaeta}$
0	$\frac{4k^2}{(1+2k^2)^2t_1}$	1	$ au_{2}^{\#1}{}_{lphaeta}$
$\frac{2}{t_1}$	0	0	$\sigma_{2^-}^{\#1}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

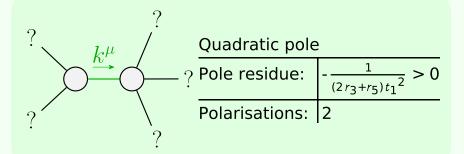
$\omega_{0^{-}}^{#1}$ †	$f_{0+}^{#2}$ †	$f_{0+}^{#1}$ †	$\omega_{0^{+}}^{*1}$ †	
0	0	0	$6 k^2 r_3$	$\omega_0^{\#1}$
0	0	0	0	$f_{0+}^{#1}$
0	0	0	0	$f_{0+}^{#2}$
$-t_1$	0	0	0	$\omega_{0^{ ext{-}}}^{\#1}$

Total #:	$\tau_{2+}^{\#1}{}^{\alpha\beta} - 2 i k \sigma_{2+}^{\#1}{}^{\alpha\beta} == 0$	$\tau_{1+}^{\#1}{}^{\alpha\beta} + ik \sigma_{1+}^{\#2}{}^{\alpha\beta} == 0$	$t_1^{\#1\alpha} == 0$	$\tau_{1}^{\#2\alpha} + 2 i k \sigma_{1}^{\#2\alpha} == 0$	$\tau_{0+}^{\#1} == 0$	$\tau_{0+}^{\#2} == 0$	SO(3) irreps	Source constraints
16	5	3	3	З	1	1	#	



	$\sigma_{0}^{\#1}$	$ au_{0}^{\#1}$	$ au_{0}^{\#2}$	$\sigma_0^{\sharp 1}$
$\sigma_{0^{+}}^{\#1}$ †	$\frac{1}{6 k^2 r_3}$	0	0	0
$\tau_{0}^{\#1}$ †	0	0	0	0
$\tau_{0}^{\#2}$ †	0	0	0	0
$\sigma_{0}^{\sharp 1}$ †	0	0	0	$-\frac{1}{t_1}$

		$\omega_{1}^{\#2}{}_{\alpha\beta}$	$f_{1}^{\#1}{}_{\alpha\beta}$	$\omega_{1^{-}lpha}^{\#1}$	$\omega_{1^-\alpha}^{\#2}$	$f_{1}^{\#1}\alpha$	$f_{1}^{#2}\alpha$
$\omega_{1}^{\#1}\dagger^{lphaeta}$	$k^2 (2r_3 + r_5) - \frac{t_1}{2}$	$-\frac{t_1}{\sqrt{2}}$	$-\frac{ikt_1}{\sqrt{2}}$	0	0	0	0
$\omega_1^{\#2} \dagger^{lphaeta}$	$-\frac{t_1}{\sqrt{2}}$	0	0	0	0	0	0
$f_{1}^{#1} \dagger^{\alpha\beta}$	$\frac{ikt_1}{\sqrt{2}}$	0	0	0	0	0	0
$\omega_{1}^{\sharp 1} \dagger^{lpha}$	0	0	0	$k^2 (2r_3 + r_5) + \frac{t_1}{6}$	$\frac{t_1}{3\sqrt{2}}$	0	<u> </u>
$\omega_1^{\#2} \uparrow^{\alpha}$	0	0	0	$\frac{t_1}{3\sqrt{2}}$	<u>t</u> 1 3	0	$\frac{1}{3}\bar{l}\sqrt{2}kt_1$
$f_{1}^{#1} \dagger^{\alpha}$	0	0	0	0	0	0	0
$f_1^{#2} \dagger^{\alpha}$	0	0	0	$-\frac{1}{3} ikt_1$	$-\frac{1}{3}\bar{l}\sqrt{2}kt_1$	0	$\frac{2k^2t_1}{3}$



Unitarity conditions

 $r_5 < -2 \, r_3 \, \&\& \, t_1 < 0 \, || \, t_1 > 0$

(No massive particles)