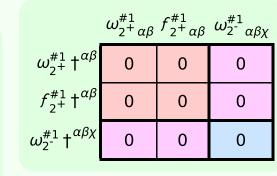
1							
$\tau_{1}^{\#2}$	0	0	0	$-\frac{6ik}{(3+2k^2)^2t_3}$	$\frac{3i\sqrt{2}k}{(3+2k^2)^2t_3}$	0	$\frac{6k^2}{(3+2k^2)^2t_3}$
$\tau_{1^{-}}^{\#1}\alpha$	0	0	0	0	0	0	0
$\sigma_{1}^{\#2}$	0	0	0	$-\frac{3\sqrt{2}}{(3+2k^2)^2t_3}$	$\frac{3}{(3+2k^2)^2t_3}$	0	$-\frac{3i\sqrt{2}k}{(3+2k^2)^2t_3}$
$\sigma_{1}^{\#1}{}_{\alpha}$	0	0	0	$\frac{6}{(3+2k^2)^2t_3}$	$-\frac{3\sqrt{2}}{(3+2k^2)^2t_3}$	0	$\frac{6ik}{(3+2k^2)^2t_3}$
$\tau_{1}^{\#1}_{+}\alpha\beta$	$\frac{3i\sqrt{2}k}{(3+k^2)^2t_2}$	$\frac{3ik}{(3+k^2)^2t_2}$	$\frac{3k^2}{(3+k^2)^2t_2}$	0	0	0	0
$\sigma_{1}^{\#2}$	$\frac{3\sqrt{2}}{(3+k^2)^2 t_2}$	$\frac{3}{(3+k^2)^2 t_2}$	$-\frac{3ik}{(3+k^2)^2t_2}$	0	0	0	0
$\sigma_{1}^{\#1}{}_{\alpha\beta}$	$\frac{6}{(3+k^2)^2 t_2}$	$\frac{3\sqrt{2}}{(3+k^2)^2t_2}$	$-\frac{3i\sqrt{2}k}{(3+k^2)^2t_2}$	0	0	0	0
,	$\pm \alpha \beta$	$\pm 4\alpha\beta$	$+\alpha\beta$	$\dot{t}_1 + \alpha$	$\bar{t}^2 + \bar{d}$	$-1+\alpha$	$\bar{t}^2 + \alpha$

$f_{1^-}^{\#2}$	0	0	0	$-\frac{2}{3}ikt_3$	$\frac{1}{3}\bar{l}\sqrt{2}kt_3$	0	$\frac{2k^2t_3}{3}$
$f_{1}^{\#1}$	0	0	0	0	0	0	0
$\omega_{1^{\bar{-}}\alpha}^{\#2}$	0	0	0	$-\frac{\sqrt{2}t_3}{3}$	13 3	0	$-\frac{1}{3}\bar{l}\sqrt{2}kt_3$
$\omega_{1^{^{-}}\alpha}^{\#1}$	0	0	0	$\frac{2t_3}{3}$	$-\frac{\sqrt{2}t_3}{3}$	0	2 i k t 3 3
$f_1^{\#1}$	$\frac{1}{3}\bar{l}\sqrt{2}kt_2$	<u>i kt2</u> 3	$\frac{k^2 t_2}{3}$	0	0	0	0
$\omega_1^{\#2}{}_+\alpha\beta$	$\frac{\sqrt{2} t_2}{3}$	<del>[2]</del>	$-\frac{1}{3}$ $\bar{l}$ $kt_2$	0	0	0	0
$\omega_1^{\#1}{}_+\alpha\beta$	$\frac{2t_2}{3}$	$\frac{\sqrt{2} t_2}{3}$	$-\frac{1}{3}\bar{l}\sqrt{2}kt_2$	0	0	0	0
	$\omega_1^{\#1} + \alpha^{eta}$	$\omega_1^{\#2} + \alpha^{eta}$	$f_1^{\#1} + \alpha \beta$	$\omega_{1}^{\#1} +^{\alpha}$	$\omega_1^{\#2} +^{\alpha}$	$f_{1^{\bar{-}}}^{\#1} \dagger^{\alpha}$	$f_{1}^{#2} +^{\alpha}$



Source constraints		
SO(3) irreps	#	
$\tau_{0^{+}}^{\#2} == 0$	1	
$\tau_{0+}^{\#1} - 2  i  k  \sigma_{0+}^{\#1} == 0$	1	
$\tau_{1}^{\#2\alpha} - i k \sigma_{1}^{\#1\alpha} == 0$	3	
$\tau_1^{\#1\alpha} == 0$	3	
$\sigma_{1}^{\#1\alpha} + 2 \sigma_{1}^{\#2\alpha} == 0$	3	
$\tau_{1^{+}}^{\#1\alpha\beta} + i k \sigma_{1^{+}}^{\#1\alpha\beta} == 0$	3	
$\sigma_{1+}^{\#1\alpha\beta} = \sigma_{1+}^{\#2\alpha\beta}$	3	
$\sigma_2^{\#1\alpha\beta\chi} == 0$	5	
$\tau_{2^{+}}^{\#1\alpha\beta} == 0$	5	
$\sigma_{2^{+}}^{\#1\alpha\beta} == 0$	5	
Total #:	32	

	$\omega_0^{\sharp 1}$	$f_{0}^{#1}$	$f_{0^{+}}^{#2}$	$\omega_{0}^{\sharp 1}$
$\omega_{0}^{\#1}$ †	$t_3$	$-i \sqrt{2} kt_3$	0	0
$f_{0}^{#1}$ †	$i\sqrt{2} kt_3$	$2k^2t_3$	0	0
$f_{0+}^{#2}$ †	0	0	0	0
$\omega_0^{\#1}$ †	0	0	0	$k^2 r_2 + t_2$

$\sigma_{0}^{\#1}$	0	0	0	$\frac{1}{k^2 r_2 + t_2}$	
$\tau_0^{\#2}$	0	0	0	0	
$\tau_0^{\#1}$	$-\frac{i\sqrt{2}k}{(1+2k^2)^2t_3}$	$\frac{2k^2}{(1+2k^2)^2t_3}$	0	0	
$\sigma_{0}^{\#1}$	$\frac{1}{(1+2k^2)^2t_3}$	$\frac{i\sqrt{2}k}{(1+2k^2)^2t_3}$	0	0	
	$\sigma_{0}^{\#1}$ †	$\tau_{0}^{\#1}$ †	$\tau_{0}^{\#2}$ †	$\sigma_{0}^{\#1}\dagger$	

	$\sigma_{2}^{\#1}{}_{\alpha\beta}$	$\tau_{2}^{\#1}_{\alpha\beta}$	$\sigma_{2}^{\#1}{}_{\alpha\beta\chi}$
$\sigma_{2}^{\#1} \dagger^{\alpha\beta}$	0	0	0
$ au_2^{\#1} \dagger^{lphaeta}$	0	0	0
$\frac{\#1}{2}$ † $^{\alpha\beta\chi}$	0	0	0

	Massive particle		
? $J^P = 0$	Pole residue:		
3 -0	Polarisations:	1	
$\overline{k^{\mu}}$	Square mass:	$-\frac{t_2}{r_2}$ >	
?	Spin:	0	
·	Parity:	Odd	

le	Uni
$-\frac{1}{r_2} > 0$	Unitarity conditions $r_2 < 0 \&\& t_2 > 0$
1	$\frac{1}{t_2}$
$-\frac{t_2}{r_2} > 0$	ondition > 0
0	ons
Odd	

(No massless particles)