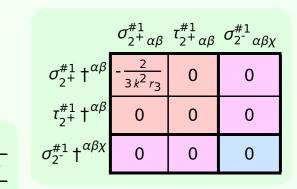
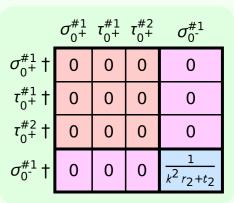


$f_{1^{-}\alpha}^{\#2}$	0	0	0	0	0	0	0
$f_{1^-}^{\#1} \alpha$	0	0	0	0	0	0	0
$\omega_{1}^{\#2}{}_{lpha}$	0	0	0	0	0	0	0
$\omega_{1}^{\#1}{}_{\alpha}$	0	0	0	$-\frac{3k^2r_3}{2}$	0	0	0
$f_1^{\#1}$	$\frac{1}{3}\bar{l}\sqrt{2}kt_2$	<i>ikt</i> 2 3	$\frac{k^2 t_2}{3}$	0	0	0	0
$\omega_{1}^{\#2}{}_{+}\alpha\beta$	$\frac{\sqrt{2} t_2}{3}$	1 to 2 3	$-\frac{1}{3}$ \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
	$\omega_1^{\#1} +^{\alpha\beta}$	$\omega_1^{\#2} + ^{\alpha\beta}$	$f_1^{\#1} + ^{\alpha\beta}$	$\omega_{1}^{\#1} +^{\alpha}$	$\omega_1^{\#2} +^{lpha}$	$f_{1^{\bar{-}}}^{\#1} +^{\alpha}$	$f_{1}^{#2} +^{\alpha}$

$\tau_{1}^{\#2}{}_{\alpha}$	0	0	0	0	0	0	0
$\tau_{1^-}^{\#1}\alpha$	0	0	0	0	0	0	0
$\sigma_{1^-}^{\#2}{}_{lpha}$	0	0	0	0	0	0	0
$\sigma_{1}^{\#1}{}_{lpha}$	0	0	0	$-\frac{2}{3k^2r_3}$	0	0	0
$\tau_{1}^{\#1}{}_{+}\alpha\beta$	$\frac{3i\sqrt{2}k}{(3+k^2)^2t_2}$	$\frac{3ik}{(3+k^2)^2t_2}$	$\frac{3k^2}{(3+k^2)^2t_2}$	0	0	0	0
$\sigma_{1}^{\#2}{}_{\!$	$\frac{3\sqrt{2}}{(3+k^2)^2t_2}$	$\frac{3}{(3+k^2)^2 t_2}$	$-\frac{3ik}{(3+k^2)^2t_2}$	0	0	0	0
$\sigma_{1}^{\#1}{}_{\alpha\beta}$		$\frac{3\sqrt{2}}{(3+k^2)^2t_2}$	$-\frac{3i\sqrt{2}k}{(3+k^2)^2t_2}$	0	0	0	0
	$\sigma_1^{\#1} + \alpha \beta$	$\sigma_{1}^{\#2} + \alpha^{\beta}$	$\tau_1^{\#1} + \alpha \beta$	$\sigma_{1}^{\#1} +^{lpha}$	$\sigma_{1}^{\#2} + ^{\alpha}$	$\tau_{1}^{\#1} +^{\alpha}$	$\tau_1^{\#2} + \alpha$
	0	0	1				

Source constraints	
SO(3) irreps	#
$\tau_{0+}^{\#2} == 0$	1
$\tau_{0+}^{\#1} == 0$	1
$\sigma_{0^{+}}^{\#1} == 0$	1
$\tau_{1}^{\#2\alpha} == 0$	3
$\tau_{1}^{\#1\alpha} == 0$	3
$\sigma_{1}^{\#2\alpha} == 0$	3
$\tau_{1+}^{\#1\alpha\beta} + ik\sigma_{1+}^{\#1\alpha\beta} == 0$	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
Total #:	28





$\omega_{2^{+}\alpha\beta}^{\#1} f_{2^{+}\alpha\beta}^{\#1} \omega_{2^{-}\alpha\beta\chi}^{\#1}$						
$\omega_{2}^{\sharp 1} \dagger^{\alpha \beta}$	$-\frac{3k^2r_3}{2}$	0	0			
$f_{2^{+}}^{\sharp 1}\dagger^{\alpha\beta}$	0	0	0			
$\omega_2^{\sharp 1} \dagger^{\alpha\beta\chi}$	0	0	0			

	$\omega_0^{\#1}$	$f_{0}^{#1}$	$f_{0}^{#2}$	$\omega_0^{\#1}$
$\omega_{0}^{\#1}$ †	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	$k^2 r_2 + t$

	Massive particle			
? $J^P = 0^-$?	Pole residue:	$-\frac{1}{r_2} > 0$		
$J^{2} \equiv 0$	Polarisations:	1		
k^{μ}	Square mass:	$-\frac{t_2}{r_2} > 0$		
?	Spin:	0		
	Parity:	Odd		

 $\frac{\text{Unitarity conditions}}{r_2 < 0 \&\& t_2 > 0}$

(No massless particles)