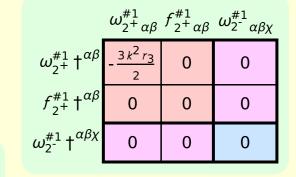


$f_{1}^{\#2}$	0	0	0	0	0	0	0
$f_{1}^{\#1}$	0	0	0	0	0	0	0
$\omega_{1}^{\#2}{}_{lpha}$	0	0	0	0	0	0	0
$\omega_{1^{\text{-}}}^{\#1}{}_{\alpha}$	0	0	0	$-\frac{3k^2r_3}{2}$	0	0	0
$f_1^{\#1}$	$\frac{1}{3}\bar{l}\sqrt{2}kt_2$	<u>i kt2</u> 3	$\frac{k^2 t_2}{3}$	0	0	0	0
$\omega_1^{\#2}{}_+^2$	$\frac{\sqrt{2} t_2}{3}$	4 <u>7</u>	$-\frac{1}{3}$ $\bar{l}$ $kt_2$	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
	$\omega_1^{\#_1} +^{\alpha\beta}$	$\omega_1^{\#_2^2} +^{\alpha\beta}$	$f_{1}^{#1} + \alpha \beta$	$\omega_{1}^{\#1} +^{\alpha}$	$\omega_1^{\#2} +^{lpha}$	$f_{1}^{\#1} +^{\alpha}$	$f_1^{#2} + \alpha$

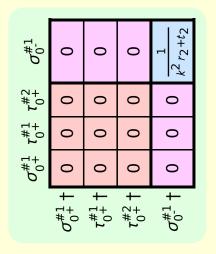
$\tau_{1}^{\#2}{}_{\alpha}$	0	0	0	0	0	0	0
$\tau_{1}^{\#1}{}_{\alpha}$	0	0	0	0	0	0	0
$\sigma_{1}^{\#2}{}_{lpha}$	0	0	0	0	0	0	0
$\sigma_{1}^{\#1}{}_{\alpha}$	0	0	0	$-\frac{2}{3k^2r_3}$	0	0	0
$\tau_1^{\#1}_+ _{\alpha\beta}$	$\frac{3i\sqrt{2}k}{(3+k^2)^2t_2}$	$\frac{3ik}{(3+k^2)^2t_2}$	$\frac{3k^2}{(3+k^2)^2t_2}$	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
$\sigma_1^{\#1}{}_+\alpha\beta$	$\frac{6}{(3+k^2)^2 t_2}$	$\frac{3\sqrt{2}}{(3+k^2)^2t_2}$	$-\frac{3i\sqrt{2}k}{(3+k^2)^2t_2}$	0	0	0	0
	$\sigma_{1}^{\#1} + \alpha^{eta}$	$\sigma_{1}^{\#2} + \alpha^{\beta}$	$\tau_{1}^{\#1} + \alpha \beta$	$\sigma_{1}^{\#1} +^{\alpha}$	$\sigma_1^{\#2} + ^{\alpha}$	$\tau_{1}^{\#1} +^{\alpha}$	$\tau_1^{\#2} + ^{\alpha}$



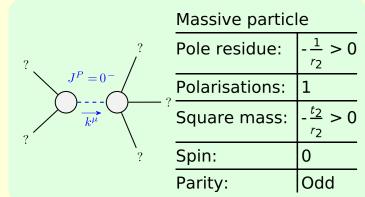
	$\sigma_{2^{+}\alpha\beta}^{\#1}$	$ au_2^{\#1}_{lphaeta}$	$\sigma_{2^{-}\alpha\beta\chi}^{\#1}$
$\sigma_{2}^{\#1} \dagger^{lphaeta}$	$-\frac{2}{3k^2r_3}$	0	0
$\tau_{2}^{\#1} \dagger^{\alpha\beta}$	0	0	0
$\sigma_2^{\sharp 1} \dagger^{\alpha\beta\chi}$	0	0	0

## Source constraints

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				
$\tau_{1+}^{\#1}{}^{\alpha\beta} + i k \sigma_{1+}^{\#1}{}^{\alpha\beta} == 0$	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				
Total #:	28				



$\omega_{0^{+}}^{\#1} f_{0^{+}}^{\#1} f_{0^{+}}^{\#2}  \omega_{0^{-}}^{\#1}$							
$\omega_{0}^{\#1}$ †	0	0	0	0			
$f_{0}^{#1}\dagger$	0	0	0	0			
$f_{0}^{#2} \dagger$	0	0	0	0			
$\omega_{0}^{#1}$ †	0	0	0	$k^2 r_2 + t_2$			



 $r_2 < 0 \&\& t_2 > 0$ Unitarity conditions

(No massless particles)