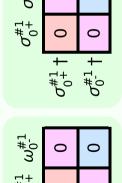
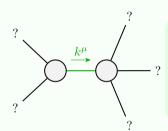


	$\sigma_{1^{+}lphaeta}^{\#1}$	$\sigma_{1}^{\#2}{}_{\alpha\beta}$	$\sigma_{1-lpha}^{\#1}$	$\sigma_{1}^{\#2}{}_{\alpha}$
$\sigma_{1}^{\#1}\dagger^{lphaeta}$	$\frac{1}{k^2(2r_3+r_5)}$	0	0	0
$\sigma_{1}^{\#2}\dagger^{lphaeta}$	0	0	0	0
$\sigma_{1}^{\#1}\dagger^{lpha}$	0	0	$\frac{2}{k^2(r_3+2r_5)}$	0
$\sigma_{1}^{#2}\dagger^{\alpha}$	0	0	0	0

	$\omega_{1}^{\#1}{}_{lphaeta}$	$\omega_{1}^{\#2}{}_{\alpha\beta}$	$\omega_{1^{-}\alpha}^{\sharp 1}$	$\omega_{1-\alpha}^{\#2}$
$\omega_{1}^{\#1}\dagger^{lphaeta}$	$k^2 (2 r_3 + r_5)$	0	0	0
$\omega_{1}^{\#2} \dagger^{\alpha\beta}$	0	0	0	0
$\omega_1^{\#_1} \dagger^{lpha}$	0	0	$\frac{1}{2} k^2 (r_3 + 2 r_5)$	0
$\omega_1^{\#2} \uparrow^{\alpha}$	0	0	0	0

Source constraints		
SO(3) irreps	#	
$\sigma_0^{\#1} == 0$	1	
$\sigma_{0^{+}}^{\#1} == 0$	1	
$\sigma_1^{\#2\alpha} == 0$	3	
$\sigma_{1^{+}}^{\#2\alpha\beta}==0$	3	
$\sigma_2^{\#1}{}^{\alpha\beta\chi} == 0$	5	
Total #:	13	





Quadratic pole			
Pole residue:	$-\frac{1}{r_3(2r_3+r_5)(r_3+2r_5)} > 0$		
Polarisations:	2		

(No massive particles)

$$r_3 < 0 \&\& (r_5 < -\frac{r_3}{2} || r_5 > -2 r_3) || r_3 > 0 \&\& -2 r_3 < r_5 < -\frac{r_3}{2}$$