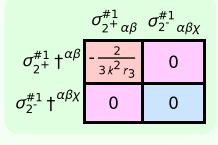
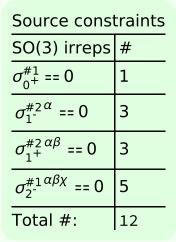
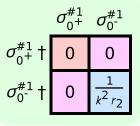


$\sigma_{1}^{\#2}{}_{lpha}$	0	0	0	0
$\sigma_{1^{-}}^{\#1}{}_{\alpha}$	0	0	$\frac{2}{k^2 (r_3 + 2 r_5)}$	0
$\sigma_{1}^{\#2}{}_{\alpha\beta}$	0	0	0	0
$\sigma_{1}^{\#1}{}_{\alpha\beta}$		0	0	0
	$\sigma_1^{\#1} + ^{\alpha\beta}$	$\sigma_{1}^{\#2} + \alpha^{\beta}$	$\sigma_1^{\#1} +^{lpha}$	$\sigma_1^{\#2} +^{\alpha}$

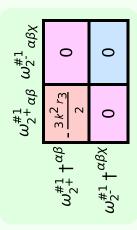


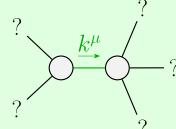


$\omega_{0^{\text{-}}}^{\#1}$	0	$k^2 r_2$
$\omega_{0}^{\#1}$	0	0
	$\omega_{0}^{\#1}$ †	$\omega_{0}^{\#1} \dagger$



	$\omega_{1^{+}lphaeta}^{\sharp1}$	$\omega_{1}^{\#2}{}_{\alpha\beta}$	$\omega_1^{\#1}{}_{lpha}$	$\omega_{1-\alpha}^{\#2}$
$\omega_{1}^{\#1}\dagger^{\alpha\beta}$	$k^2 (2 r_3 + r_5)$	0	0	0
$\omega_{1}^{\#2} \dagger^{\alpha\beta}$	0	0	0	0
$\omega_1^{\sharp 1} \dagger^{lpha}$	0	0	$\frac{1}{2} k^2 (r_3 + 2 r_5)$	0
$\omega_1^{\#2} \uparrow^{\alpha}$	0	0	0	0





Quadratic pole

Pole residue:	- <u> </u>	
	r ₃ (2r ₃ +r ₅) (r ₃ +2r ₅)	

Polarisations: 2

(No massive particles)

Unitarity conditions

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