

	$\sigma_{2^{+}\alpha\beta}^{\#1}$	$\sigma_{2-\alpha\beta\chi}^{\#1}$
$\sigma_{2}^{\#1}\dagger^{lphaeta}$	0	0
$\sigma_2^{\#1} \dagger^{\alpha\beta\chi}$	0	$\frac{1}{k^2 r_1}$

0

0

0

0

 $\omega_1^{\#2} +^{\alpha\beta}$

0

 $k^2 (2r_3 + r_5)$

 $\omega_1^{\#1} \dagger^{\alpha\beta}$

0

 $+ r_5$

0

0

 $\omega_{1}^{\#1} +^{\alpha}$

0

0

0

0

_	$\omega_{2}^{\#1}{}_{\alpha\beta}$	$\omega_{2}^{\#1}{}_{\alpha\beta\chi}$
$\omega_{2}^{\#1}\dagger^{lphaeta}$	0	0
$\omega_2^{\sharp 1} \dagger^{lphaeta\chi}$	0	$k^2 r_1$

_	$\sigma_0^{\#1}$	$\sigma_0^{\#1}$	
$\sigma_{0}^{\#1}$ †	$\frac{1}{6 k^2 (-r_1 + r_3)}$	0	
$\sigma_{0}^{\#1}$ †	0	0	

$\omega_{0}^{\#1}$	0	0	
$\omega_{0^+}^{\#1}$	$6 k^2 (-r_1 + r_3)$	0	
	$\omega_{0}^{\#1}\dagger$	$\omega_{0}^{\#1} \uparrow$	

raints	#	1	<u>۳</u>	3	2	12
Source constraints	SO(3) irreps #	$\sigma_{0^{-}}^{\#1} == 0$	$\sigma_{1}^{\#2\alpha} == 0$	$\sigma_{1}^{\#2}\alpha\beta==0$	$\sigma_{2^+}^{\#1}{}^{\alpha\beta} == 0$	Total #:
$\sigma_{1}^{\#2}$	3	0	0	0	0	
0	-					
$\sigma_{1}^{\#1}$	5	0	0	$\frac{1}{k^2 \left(-r_1 + 2 r_3 + r_5 \right)}$	0	

0

 $\sigma_1^{#2} + \alpha \beta$

 $\sigma_{1}^{\#1}{}_{\alpha\beta}$

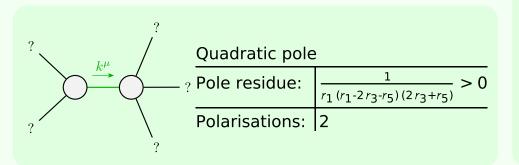
0

0

0

Unitarity conditions

$$r_1 < 0 \&\& (r_5 < r_1 - 2 r_3 || r_5 > -2 r_3) || r_1 > 0 \&\& -2 r_3 < r_5 < r_1 - 2 r_3$$



(No massive particles)