

1							
$\tau_{1^{-}\alpha}^{\#1}$	0	0	0	0	0	0	0
$\sigma_{1}^{\#2}{}_{\alpha} t_{1}^{\#1} {}_{\alpha} t_{1}^{\#}$	0	0	0	0	0	0	0
$\sigma_{1^{\text{-}}\alpha}^{\#1}$	0	0	0	$\frac{2}{k^2 \left(r_3 + 2  r_5\right)}$	0	0	0
$\tau_{1}^{\#1}{}_{\alpha\beta}$	$-\frac{i\sqrt{2}}{k(1+k^2)(2r_3+r_5)}$	$\frac{i(3k^2(2r_3+r_5)+2t_2)}{k(1+k^2)^2(2r_3+r_5)t_2}$	$\frac{3k^2(2r_3+r_5)+2t_2}{(1+k^2)^2(2r_3+r_5)t_2}$	0	0	0	0
$\sigma_{1}^{\#2}{}_{\alpha\beta}$	$-\frac{\sqrt{2}}{k^2(1+k^2)(2r_3+r_5)}$	$\frac{3k^2(2r_3+r_5)+2t_2}{(k+k^3)^2(2r_3+r_5)t_2}$	$-\frac{i(3k^2(2r_3+r_5)+2t_2)}{k(1+k^2)^2(2r_3+r_5)t_2}$	0	0	0	0
$\sigma_{1}^{\#1}{}_{\alpha\beta}$		$-\frac{\sqrt{2}}{k^2(1+k^2)(2r_3+r_5)}$	$\frac{i\sqrt{2}}{k(1+k^2)(2r_3+r_5)}$	0	0	0	0
,	$\sigma_1^{\#1} + \alpha \beta$	$\sigma_1^{\#2} + \alpha \beta$	$\tau_1^{\#1} + \alpha \beta$	$\sigma_{1}^{\#1} +^{\alpha}$	$\sigma_{1}^{\#2} +^{lpha}$	$\tau_{1}^{\#1} +^{\alpha}$	$\tau_1^{\#2} + \alpha$

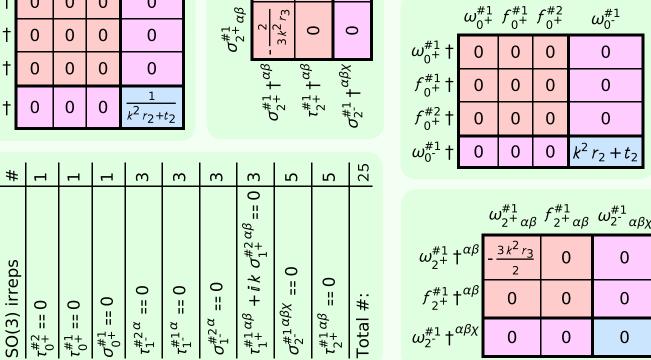
0 0

0 0 0

0

0

1							
$f_{1^-}^{\#1}$ $f_{1^-}^{\#2}$	0	0	0	0	0	0	0
$f_{1^-}^{\#1} \alpha$	0	0	0	0	0	0	0
$\omega_{1^{ ext{-}}}^{\#2}{}_{lpha}$	0	0	0	0	0	0	0
$\omega_{1^{-}}^{\#1}$	0	0	0	$\frac{1}{2}k^{2}(r_{3}+2r_{5})$	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
$\omega_1^{\#_+^2}$	$\frac{\sqrt{2} t_2}{3}$	<del>2</del> 2 3	$-\frac{1}{3}\bar{I}kt_2$	0	0	0	0
$\omega_{1}^{\#1}{}_{\alpha\beta}$	5 (2		$-\frac{1}{3}$ i $\sqrt{2}$ kt <sub>2</sub>	0	0	0	0
	$\omega_1^{#1} + \alpha^{\beta}$	$\omega_{1}^{\#2} + \alpha \beta$	$f_1^{\#1} + \alpha \beta$	$\omega_{1^{\bar{-}}}^{\#1} \dagger^{\alpha}$	$\omega_{1}^{\#2} +^{lpha}$	$f_{1^{\bar{-}}}^{\#1} \dagger^{\alpha}$	$f_{1}^{#2} \dagger^{\alpha}$



Total #:

0

0

0

0

0

0

0

 $\tau_{2}^{\#1}$ 

 $\tau_{1}^{\#1}{}^{\alpha} == 0$ 

 $\tau_{1}^{\#2\alpha} == 0$ 

 $\sigma_{0}^{\#1} == 0$ 

 $\tau_{0}^{\#1} == 0$ 

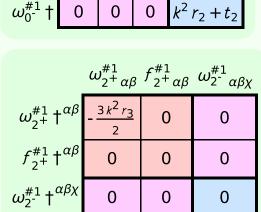
 $\tau_{0}^{\#2} == 0$ 

 $\sigma_{0^+}^{\#1} \ \tau_{0^+}^{\#1} \ \tau_{0^+}^{\#2}$ 

0

Source constraints

0



				$\frac{1}{2}$						
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Polarisations: 2	$\dot{?}$ Pole residue:	Quadratic pole		Parity:	Spin:	Square mass:	Polarisations:	Pole residue:	Massive particle	
2	- (2 rs +)		2	Odd	0	$-\frac{t_2}{r_2} > 0$	1	$-\frac{1}{r_2} > 0$	   	

Unitari	ty	cond	diti	ons
	,			

 $\frac{1}{5)p^2} > 0$ 

 $r_2 < 0 \,\&\&\, r_3 < 0 \,\&\&\, r_5 < -\frac{r_3}{2} \,\&\&\, t_2 > 0 \,\|\, r_2 < 0 \,\&\&\, r_3 < 0 \,\&\&\, r_5 > -2 \,r_3 \,\&\&\, t_2 > 0 \,\|\,$  $r_2 < 0 \&\& r_3 > 0 \&\& -2 r_3 < r_5 < -\frac{r_3}{2} \&\& t_2 > 0$