

$\omega_{2}^{*1} + \alpha \beta \chi$	$f_{2^{+}}^{#1}\dagger^{\alpha\beta}$	$\omega_{2^{+}}^{*1} \uparrow^{\alpha\beta}$	
0	$\frac{i kt_1}{\sqrt{2}}$	<u>t1</u> 2	$\omega_{2}^{\#1}{}_{lphaeta}\ f_{2}^{\#1}{}_{lphaeta}$
0	$k^2 t_1$	$-\frac{ikt_1}{\sqrt{2}}$	$f_{2}^{\#1}_{lpha\beta}$
$k^2 r_1 + \frac{t_1}{2}$	0	0	$\omega_{2^{-}}^{\#1}{}_{lphaeta\chi}$

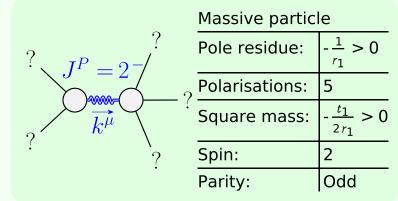
Source constraints		
SO(3) irreps	#	
$\sigma_{0^{+}}^{\#1} == 0$	1	
$\tau_{0+}^{\#1} == 0$	1	
$\tau_{0+}^{\#2} == 0$	1	
$\tau_{1^{-}}^{\#2\alpha} + 2 i k \sigma_{1^{-}}^{\#2\alpha} == 0$	3	
$\tau_{1}^{\#1\alpha} == 0$	3	
$\tau_{1+}^{\#1\alpha\beta} + i k \sigma_{1+}^{\#2\alpha\beta} == 0$	3	
$\tau_{2+}^{\#1}{}^{\alpha\beta} - 2 i k \sigma_{2+}^{\#1}{}^{\alpha\beta} == 0$	5	
Total #:	17	

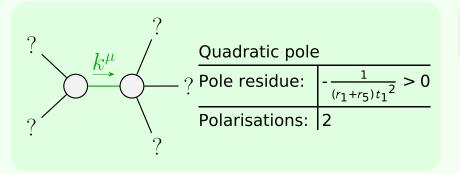
	$\sigma_{2^{+}\alpha\beta}^{\#1}$	$ au_2^{\#1}{}_{lphaeta}$	$\sigma_{2^{-}\alpha\beta\chi}^{\#1}$
$\sigma_{2}^{\#1} \dagger^{\alpha\beta}$	$\frac{2}{(1+2k^2)^2t_1}$	$-\frac{2i\sqrt{2}k}{(1+2k^2)^2t_1}$	0
$\tau_{2}^{\#1} \dagger^{\alpha\beta}$	$\frac{2i\sqrt{2}k}{(1+2k^2)^2t_1}$	$\frac{4k^2}{(1+2k^2)^2t_1}$	0
$\sigma_{2}^{\#1}\dagger^{lphaeta\chi}$	0	0	$\frac{2}{2k^2r_1+t_1}$

	$\omega_0^{\#1}$	$f_{0^{+}}^{#1}$	$f_{0+}^{#2}$	$\omega_0^{\sharp 1}$
$\omega_{0^+}^{\sharp 1}$ †	0	0	0	0
$f_{0^{+}}^{#1}\dagger$	0	0	0	0
$f_{0}^{#2} \dagger$	0	0	0	0
$\omega_{0}^{\sharp 1}$ †	0	0	0	$-t_1$

	$\omega_{1^{+}lphaeta}^{\sharp1}$	$\omega_{1}^{\#2}$	$f_{1+\alpha\beta}^{\#1}$	$\omega_{1^{-1}lpha}^{\sharp 1}$	$\omega_{1^{-}\alpha}^{\#2}$	$f_{1-\alpha}^{\#1}$	$f_{1}^{#2}\alpha$
$\omega_{1}^{\sharp 1}$ † lphaeta	$k^2 (2r_1 + r_5) - \frac{t_1}{2}$	$-\frac{t_1}{\sqrt{2}}$		0	0	0	0
$\omega_{1}^{\#2} \dagger^{lphaeta}$	$-\frac{t_1}{\sqrt{2}}$	0	0	0	0	0	0
$f_{1+}^{\#1}\dagger^{\alpha\beta}$	$\frac{ikt_1}{\sqrt{2}}$	0	0	0	0	0	0
$\omega_1^{#1} \dagger^{\alpha}$	0	0	0	$k^2 (r_1 + r_5) + \frac{t_1}{6}$	$\frac{t_1}{3\sqrt{2}}$	0	<u>ī kt</u> 3
$\omega_1^{#2} \dagger^{\alpha}$	0	0	0	$\frac{t_1}{3\sqrt{2}}$	<u>t</u> 1 3	0	$\frac{1}{3}i\sqrt{2}kt_1$
$f_{1}^{#1} \dagger^{\alpha}$	0	0	0	0	0	0	0
$f_{1}^{#2} \dagger^{\alpha}$	0	0	0	$-\frac{1}{3}ikt_1$	$-\frac{1}{3}\bar{l}\sqrt{2}kt_1$	0	$\frac{2k^2t_1}{3}$

	$\sigma_{0}^{\#1}$	$\tau_0^{\#1}$	$\tau_{0}^{\#2}$	$\sigma_0^{\#1}$
$\sigma_{0}^{\#1}$ †	0	0	0	0
$\tau_{0}^{\#1}$ †	0	0	0	0
$\tau_{0}^{\#2}$ †	0	0	0	0
$\sigma_{0}^{\#1}$ †	0	0	0	$-\frac{1}{t_1}$





Unitarity conditions $r_1 < 0 \&\& r_5 < -r_1 \&\& t_1 > 0$