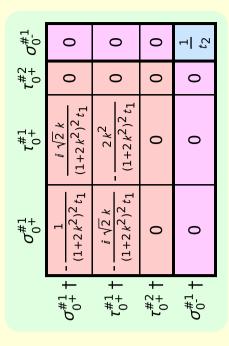
${\mathfrak l}_{1^{-}}^{\#2}{}_{\alpha}$	0	0	0	$\frac{2ik}{t_1 + 2k^2t_1}$	$-\frac{i\sqrt{2}k(2k^2(r_1+r_5)\cdot t_1)}{(t_1+2k^2t_1)^2}$	0	$\frac{-4k^4(r_1+r_5)+2k^2t_1}{(t_1+2k^2t_1)^2}$
$\mathfrak{r}_{1^{-}}^{\#1}{}_{\alpha}$	0	0	0	0	0	0	0
$\sigma_{1^{-}\alpha}^{\#2}$	0	0	0	$\frac{\sqrt{2}}{t_1 + 2 k^2 t_1}$	$\frac{-2 k^2 (r_1 + r_5) + t_1}{(t_1 + 2 k^2 t_1)^2}$	0	$\frac{i\sqrt{2} k(2k^2 (r_1 + r_5) - t_1)}{(t_1 + 2k^2 t_1)^2}$
$\sigma_{1^{-}\alpha}^{\#1}$	0	0	0	0	$\frac{\sqrt{2}}{t_1 + 2k^2t_1}$	0	$-\frac{2ik}{t_1+2k^2t_1}$
${\tau_1^{\#1}}_{\alpha\beta}$	$i \sqrt{2} k(t_1 - 2t_2) $ $(1 + k^2) (3t_1 t_2 + 2k^2 (2r_1 + r_5) (t_1 + t_2))$	$\frac{ik(6k^2(2r_1+r_5)+t_1+4t_2)}{(1+k^2)^2(3t_1t_2+2k^2(2r_1+r_5)(t_1+t_2))}$	$\frac{k^2 (6k^2 (2r_1 + r_5) + t_1 + 4t_2)}{(1+k^2)^2 (3t_1t_2 + 2k^2 (2r_1 + r_5)(t_1 + t_2))}$	0	0	0	0
$\sigma_{1}^{\#2}{}_{\alpha\beta}$	$\frac{\sqrt{2} (t_1 - 2t_2)}{(1 + k^2) (3t_1 t_2 + 2k^2 (2t_1 + t_5) (t_1 + t_2))}$		$-\frac{ik(6k^2(2r_1+r_5)+t_1+4t_2)}{(1+k^2)^2(3t_1t_2+2k^2(2r_1+r_5)(t_1+t_2))} \frac{k^2(6k^2(2r_1+r_5)+t_1+4t_2)}{(1+k^2)^2(3t_1t_2+2k^2(2r_1+r_5)(t_1+t_2))}$	0	0	0	0
$\sigma_{1}^{\#1}{}_{\alpha\beta}$	341 t2+2	(1+k	$\frac{i\sqrt{2}k(t_1-2t_2)}{(1+k^2)(3t_1t_2+2k^2(2r_1+r_5)(t_1+t_2))}$	0	0	0	0
	$\sigma_{1}^{\#1} + ^{\alpha \beta}$	$\sigma_{1}^{#2} + \alpha \beta$	$\tau_{1}^{\#1} + \alpha \beta$	$\sigma_{1}^{\#_1} +^{\alpha}$	$\sigma_{1}^{\#2} +^{\alpha}$	$\tau_{1}^{\#1} +^{\alpha}$	$\tau_1^{\#2} + \alpha$



	$\sigma_{2^{+}lphaeta}^{\#1}$	$ au_2^{\#1}_{lpha eta}$	$\sigma_{2^{-}\alpha\beta\chi}^{\#1}$
$\sigma_{2}^{\sharp 1} \dagger^{lphaeta}$	$\frac{2}{(1+2k^2)^2t_1}$	$-\frac{2i\sqrt{2}k}{(1+2k^2)^2t_1}$	0
$ au_2^{\#1} \dagger^{lphaeta}$	$\frac{2 i \sqrt{2} k}{(1+2 k^2)^2 t_1}$	$\frac{4k^2}{(1+2k^2)^2t_1}$	0
$\sigma_2^{\sharp 1} \dagger^{lphaeta\chi}$	0	0	$\frac{2}{2 k^2 r_1 + t_1}$

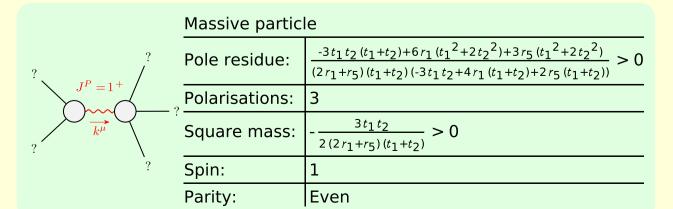
	$\omega_{2^{+}\alpha\beta}^{\#1}$	$f_{2^{+}\alpha\beta}^{\#1}$	$\omega_{2^{-} \alpha \beta \chi}^{\# 1}$
$\omega_{2}^{\#1} \dagger^{\alpha\beta}$	<u>t</u> 1 2	$-\frac{ikt_1}{\sqrt{2}}$	0
$f_{2+}^{\#1}\dagger^{\alpha\beta}$	$\frac{i k t_1}{\sqrt{2}}$	$k^2 t_1$	0
$\omega_{2}^{#1}\dagger^{lphaeta\chi}$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

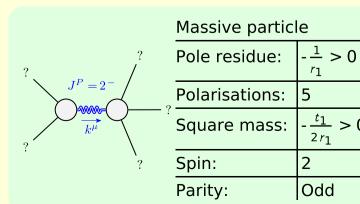
	#	1	1	3	3	3	2	16
Source constraints	SO(3) irreps	$\tau_{0+}^{#2} == 0$	$\tau_{0^+}^{\#1} - 2 i k \sigma_{0^+}^{\#1} == 0$	$t_1^{\#2}\alpha + 2ik \sigma_1^{\#2}\alpha = 0$	$\tau_{1}^{\#1}{}^{\alpha} == 0$	$\tau_{1+}^{\#1}\alpha\beta+ik\ \sigma_{1+}^{\#2}\alpha\beta==0$	$\tau_{2+}^{\#1}\alpha\beta$ - 2 i k $\sigma_{2+}^{\#1}\alpha\beta$ == 0	Total #:

	$\omega_{\scriptscriptstyle 0}^{\scriptscriptstyle \#1}$	$f_{0}^{#1}$	$f_{0}^{#2}$	$\omega_{0}^{#1}$
$\omega_{0}^{\#1}$ †	-t ₁	$i \sqrt{2} kt_1$	0	0
$f_{0^{+}}^{#1}$ †	$-i \sqrt{2} kt_1$	$-2 k^2 t_1$	0	0
$f_{0+}^{#2} \dagger$	0	0	0	0
$\omega_{0}^{\sharp 1}$ †	0	0	0	t_2

Lagrangian density

$\omega_1^{\#1}$ $\omega_1^{\#1}$
3 \(\frac{1}{2}\)
$\frac{t_1+t_2}{3}$
$-\frac{1}{3}ik(t_1+t_2)\left \frac{1}{3}k^2(t_1+t_2)\right $
)
0
0
0





Unitarity conditions $r_1 < 0 \&\& r_5 > -2 r_1 \&\& t_1 > 0 \&\& -t_1 < t_2 < 0$