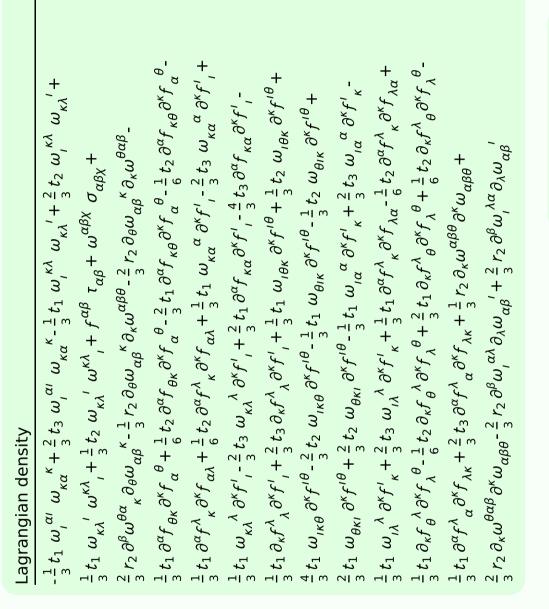
	$\sigma_{2^{+}lphaeta}^{\sharp1}$	$ au_{2}^{\#1}{}_{lphaeta}$	$\sigma_{2}^{\#1}{}_{\alpha\beta\chi}$
$\sigma_{2}^{\#1}\dagger^{lphaeta}$	$\frac{2}{(1+2k^2)^2t_1}$	$-\frac{2i\sqrt{2}k}{(1+2k^2)^2t_1}$	0
$ au_2^{\#1} \dagger^{lphaeta}$	$\frac{2 i \sqrt{2} k}{(1+2 k^2)^2 t_1}$	$\frac{4k^2}{(1+2k^2)^2t_1}$	0
$\sigma_{2}^{#1}\dagger^{lphaeta\chi}$	0	0	$\frac{2}{t_1}$

	$\omega_{0}^{\sharp 1}$	$f_{0+}^{\#1}$	$f_{0}^{#2}$	$\omega_0^{\sharp 1}$
$\omega_{0^{+}}^{\#1}$ †	t_3	$-i \sqrt{2} kt_3$	0	0
$f_{0}^{#1}$ †	$i\sqrt{2} kt_3$	$2k^2t_3$	0	0
$f_{0}^{#2} \dagger$	0	0	0	0
$\omega_0^{\sharp 1}$ †	0	0	0	$k^2 r_2 + t_2$

	#	1	1	κ	κ	Μ	2	16
Source constraints	SO(3) irreps	$\tau_{0+}^{#2} == 0$	$\tau_{0+}^{\#1} - 2 \bar{l} k \sigma_{0+}^{\#1} == 0$	$t_1^{\#2}{}^{\alpha} + 2ik \sigma_1^{\#2}{}^{\alpha} == 0$	$t_{1}^{\#1}{}^{\alpha} == 0$	$\tau_{1+}^{\#1}\alpha\beta + ik \ \sigma_{1+}^{\#2}\alpha\beta == 0$	$\tau_{2+}^{\#1}\alpha\beta - 2\overline{\imath}k\sigma_{2+}^{\#1}\alpha\beta == 0$	Total #:



	$\sigma_{0^+}^{\sharp 1}$	$ au_0^{\#1}$	$ au_{0}^{\#2}$	$\sigma_0^{\sharp 1}$
$\sigma_{0^{+}}^{\#1}$ †	$\frac{1}{(1+2k^2)^2t_3}$	$-\frac{i\sqrt{2} k}{(1+2k^2)^2 t_3}$	0	0
$ au_{0}^{\#1}$ †	$\frac{i \sqrt{2} k}{(1+2k^2)^2 t_3}$	$\frac{2k^2}{(1+2k^2)^2t_3}$	0	0
$\tau_{0}^{\#2}$ †	0	0	0	0
$\sigma_{0}^{\sharp 1}$ †	0	0	0	$\frac{1}{k^2 r_2 + t_2}$

	$\omega_{2^{+}\alpha\beta}^{\#1}$	$f_{2}^{\#1}{}_{\alpha\beta}$	$\omega_{2}^{\#1}{}_{\alpha\beta\chi}$	
$\omega_{2}^{\#1} \dagger^{\alpha\beta}$	<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	<u>t</u> 1 2	

	$\omega_{1^{+}lphaeta}^{\sharp1}$	$\omega_{1}^{\#2}{}_{lphaeta}$	$f_{1^{+}\alpha\beta}^{\#1}$	$\omega_{1^{-}lpha}^{\#1}$	$\omega_{1}^{\text{#2}}{}_{lpha}$	$f_{1}^{\#1}\alpha$	$f_{1}^{#2}\alpha$
$\omega_1^{\sharp 1} \dagger^{lpha eta}$	$\frac{1}{6}(t_1+4t_2)$	$-\frac{t_1-2t_2}{3\sqrt{2}}$	$-\frac{i k (t_1 - 2 t_2)}{3 \sqrt{2}}$	0	0	0	0
$\omega_{1}^{\#2} \dagger^{lphaeta}$	$-\frac{t_1-2t_2}{3\sqrt{2}}$	$\frac{t_1+t_2}{3}$	$\frac{1}{3}\bar{l}k(t_1+t_2)$	0	0	0	0
$f_{1}^{#1} \dagger^{\alpha\beta}$	$\frac{i k (t_1 - 2 t_2)}{3 \sqrt{2}}$	$-\frac{1}{3}ik(t_1+t_2)$	$\frac{1}{3}k^2(t_1+t_2)$	0	0	0	0
$\omega_1^{\sharp 1} \dagger^{lpha}$	0	0	0	$\frac{1}{6}(t_1+4t_3)$	$\frac{t_1 - 2t_3}{3\sqrt{2}}$	0	$\frac{1}{3} i k (t_1 - 2 t_3)$
$\omega_1^{\#2} \dagger^{\alpha}$	0	0	0	$\frac{t_1 - 2t_3}{3\sqrt{2}}$	<u>t₁+t₃</u> 3	0	$\frac{1}{3}i\sqrt{2}k(t_1+t_3)$
$f_{1}^{#1} \dagger^{\alpha}$	0	0	0	0	0	0	0
$f_1^{#2} \dagger^{\alpha}$	0	0	0	$-\frac{1}{3} \bar{i} k (t_1 - 2 t_3)$	$-\frac{1}{3}\bar{l}\sqrt{2}k(t_1+t_3)$	0	$\frac{2}{3} k^2 (t_1 + t_3)$

$\tau_1^{\#2}_{\alpha}$	0	0	0	$2ikt_1-4ikt_3$ $3t_1t_3+6k^2t_1t_3$	$\frac{i\sqrt{2} k(t_1+4t_3)}{3(1+2k^2)^2 t_1 t_3}$	0	$\frac{2k^2(t_1+4t_3)}{3(1+2k^2)^2t_1t_3}$
${\mathfrak l}_{1^{-}}^{\#1}{}_{\alpha}$	0	0	0	0	0	0	0
$\sigma_{1^{-}\alpha}^{\#2}$	0	0	0	$-\frac{\sqrt{2} (t_1-2t_3)}{3(1+2k^2)t_1t_3}$	$\frac{t_1+4t_3}{3(1+2k^2)^2t_1t_3}$	0	$-\frac{i\sqrt{2}k(t_1+4t_3)}{3(1+2k^2)^2t_1t_3}$
$\sigma_{1^{-}\alpha}^{\#1}$	0	0	0	$\frac{2(t_1+t_3)}{3t_1t_3}$	$-\frac{\sqrt{2} (t_1-2t_3)}{3(1+2 k^2) t_1 t_3}$	0	$\frac{2ikt_1-4ikt_3}{3t_1t_3+6k^2t_1t_3}$
$\tau_{1}^{\#1}_{+\alpha\beta}$	$\frac{i\sqrt{2} k(t_1-2t_2)}{3(1+k^2)t_1t_2}$	$\frac{i k (t_1 + 4 t_2)}{3 (1 + k^2)^2 t_1 t_2}$	$\frac{k^2 (t_1 + 4t_2)}{3 (1 + k^2)^2 t_1 t_2}$	0	0	0	0
$\sigma_{1}^{\#2}$	$\frac{\sqrt{2} (t_1 - 2t_2)}{3(1 + k^2)t_1t_2}$	$\frac{t_1+4t_2}{3(1+k^2)^2t_1t_2}$	$-\frac{ik(t_1+4t_2)}{3(1+k^2)^2t_1t_2}$	0	0	0	0
$\sigma_{1}^{\#1}_{\alpha\beta}$	$\frac{2(t_1+t_2)}{3t_1t_2}$	$\frac{\sqrt{2} (t_1 - 2t_2)}{3 (1 + k^2) t_1 t_2}$	$t_{1}^{\#1} + \alpha \beta - \frac{i \sqrt{2} k(t_1 - 2t_2)}{3(1 + k^2) t_1 t_2}$	0	0	0	0
	$\sigma_1^{\#1} + ^{lphaeta}$	$\sigma_1^{\#2} + ^{\alpha\beta}$	$\tau_1^{\#1} + \alpha \beta$	$\sigma_{1}^{\#1} +^{\alpha}$	$\sigma_{1}^{\#2} +^{\alpha}$	$\tau_{1}^{\#1} +^{\alpha}$	$\tau_1^{\#2} +^{\alpha}$

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	Massive partic	le
? /	Pole residue:	$-\frac{1}{r_2} > 0$
$J^P = 0^-$	Polarisations:	1
$\overrightarrow{k^{\mu}}$	Square mass:	$-\frac{t_2}{r_2} > 0$
?	Spin:	0
	Parity:	Odd

(No massless particles)