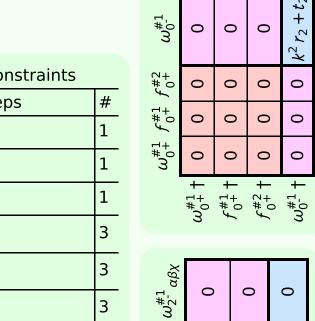


| $f_{1^-}^{\#2}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|-----------------------------------|-------------------------------------|---|-----------------------------------|------------------------------------|--------------------------------|-------------------------|
| $f_{1^-}^{\#1} \alpha$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $\omega_{1^{-}}^{\#2}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $\omega_{1^{\bar{-}}}^{\#1}{}_{\alpha}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $f_{1}^{\#1}$ | $\frac{1}{3}\bar{l}\sqrt{2}kt_2$ | <u>i kt2</u> 3 | k ² t ₂ | 0 | 0 | 0 | 0 |
| $\omega_{1}^{\#2}{}_{+}$ | $\frac{\sqrt{2}t_2}{3}$ | t 2 3 | $-\frac{1}{3}\bar{l}kt_2$ | 0 | 0 | 0 | 0 |
| $\omega_{1}^{\#1}{}_{\alpha\beta}$ | $\frac{1}{6} (9 k^2 r_3 + 4 t_2)$ | √ <u>2</u> t ₂ 3 | $-\frac{1}{3}$ i $\sqrt{2}$ kt ₂ | 0 | 0 | 0 | 0 |
| | $\omega_1^{#1} + \alpha^{\beta}$ | $\omega_{1}^{\#2} + \alpha^{\beta}$ | $f_1^{#1} + \alpha \beta$ | $\omega_{1}^{\#1} \dag^{\alpha}$ | $\omega_{1}^{\#2} \dagger^{lpha}$ | $f_{1}^{\#1} \dagger^{\alpha}$ | $f_{1}^{#2} +^{\alpha}$ |

| Source constraints | | | | | |
|--|----|--|--|--|--|
| SO(3) irreps | | | | | |
| $\tau_{0+}^{\#2} == 0$ | 1 | | | | |
| $\tau_{0}^{\#1} == 0$ | 1 | | | | |
| $\sigma_{0+}^{\#1} == 0$ | 1 | | | | |
| $\tau_{1}^{\#2\alpha} == 0$ | თ | | | | |
| $\tau_{1}^{\#1\alpha} == 0$ | 3 | | | | |
| $\sigma_{1^{-}}^{\#2\alpha} == 0$ | 3 | | | | |
| $\sigma_{1^{-}}^{\#1\alpha} == 0$ | 3 | | | | |
| $\tau_{1+}^{\#1\alpha\beta} + i k \sigma_{1+}^{\#2\alpha\beta} == 0$ | 3 | | | | |
| $\sigma_2^{\#1\alpha\beta\chi} == 0$ | 5 | | | | |
| $\tau_{2^{+}}^{\#1\alpha\beta} == 0$ | 5 | | | | |
| Total #: | 28 | | | | |



0

0

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

0

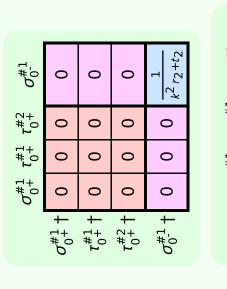
0

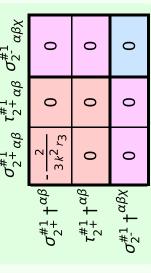
0

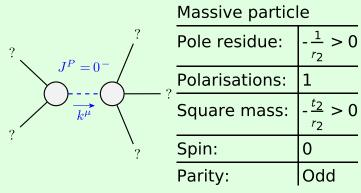
 $f_2^{\#1} +^{\alpha\beta}$

0

 $\omega_{2}^{#1} +^{\alpha \beta \chi}$







Unitarity conditions $r_2 < 0 \&\& t_2 > 0$

(No massless particles)