

$$\mathcal{T}_{2^+}^{\#1} \dagger^{\alpha\beta} \boxed{\frac{1}{\beta - \frac{\alpha k^2}{2}}} \mathcal{T}_{2^+}^{\#1} \alpha\beta$$

$$h_{2^+}^{\#1} \dagger^{\alpha\beta} \boxed{\beta - \frac{\alpha k^2}{2}} h_{2^+}^{\#1} \alpha\beta$$

$$\begin{matrix} h_{0^+}^{\#1} \dagger & h_{0^+}^{\#2} \\ h_{0^+}^{\#1} \dagger & h_{0^+}^{\#2} \dagger \end{matrix} \begin{bmatrix} \beta - 3\gamma + \alpha k^2 & -\sqrt{3}\gamma \\ -\sqrt{3}\gamma & \beta - \gamma \end{bmatrix}$$

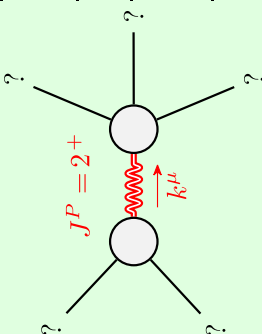
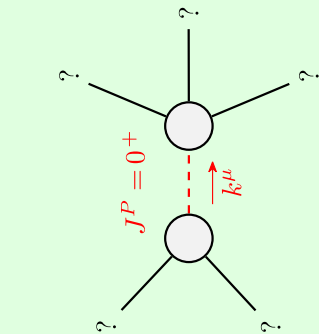
(No source constraints)

$$\begin{matrix} \mathcal{T}_{0^+}^{\#1} \dagger & \mathcal{T}_{0^+}^{\#2} \\ \mathcal{T}_{0^+}^{\#1} \dagger & \mathcal{T}_{0^+}^{\#2} \dagger \end{matrix} \begin{bmatrix} \frac{1}{\beta(\beta-4\gamma) + \alpha k^2} & \frac{\sqrt{3}\gamma}{\beta(\beta-4\gamma) + \alpha(\beta-\gamma)k^2} \\ \frac{\sqrt{3}\gamma}{\beta(\beta-4\gamma) + \alpha(\beta-\gamma)k^2} & \frac{1}{\beta + \gamma(-1 - \frac{3\gamma}{\beta-3\gamma + \alpha k^2})} \end{bmatrix}$$

$$h_{1^-}^{\#1} \dagger^{\alpha} \boxed{\beta} h_{1^-}^{\#1} \alpha$$

$$\mathcal{T}_{1^-}^{\#1} \dagger^{\alpha} \boxed{\frac{1}{\beta}} \mathcal{T}_{1^-}^{\#1} \alpha$$

(No massless particles)



Massive particle	
Pole residue:	$\frac{\beta^2 - 2\beta\gamma + 4\gamma^2}{\alpha(\beta-\gamma)^2} > 0$
Polarisations:	1
Square mass:	$-\frac{\beta(\beta-4\gamma)}{\alpha(\beta-\gamma)} > 0$
Spin:	0
Parity:	Even

Massive particle	
Pole residue:	$-\frac{2}{\alpha} > 0$
Polarisations:	5
Square mass:	$\frac{2\beta}{\alpha} > 0$
Spin:	2
Parity:	Even

Unitarity conditions  
 (Unitarity is demonstrably impossible)