

$$\mathcal{A}_{0^+}^{\#1} \dagger \begin{array}{|c|} \hline \alpha \\ \hline \end{array} \mathcal{A}_{1^+}^{\#1} \quad \mathcal{A}_{1^+}^{\#1} \dagger \begin{array}{|c|} \hline -\frac{k^2 \alpha}{2} + \alpha \\ \hline \end{array}$$

$$\mathcal{T}_{0^+}^{\#1} \dagger \begin{array}{|c|} \hline \frac{1}{\alpha} \\ \hline \end{array} \mathcal{T}_{1^+}^{\#1} \quad \mathcal{T}_{1^+}^{\#1} \dagger \begin{array}{|c|} \hline \frac{1}{\text{Det}(1^-)} \\ \hline \end{array}$$

Abbreviations used in matrices

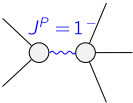
$$\text{Det}(1^-) = -\frac{k^2 \alpha}{2} + \alpha$$

Lagrangian

$$\alpha \mathcal{A}_\alpha \mathcal{A}^\alpha - \frac{1}{4} \alpha \partial_\alpha \mathcal{A}_\beta \partial^\alpha \mathcal{A}^\beta + \frac{1}{4} \alpha \partial^\alpha \mathcal{A}^\beta \partial_\beta \mathcal{A}_\alpha + \frac{1}{4} \alpha \partial_\alpha \mathcal{A}_\beta \partial^\beta \mathcal{A}^\alpha - \frac{1}{4} \alpha \partial_\beta \mathcal{A}_\alpha \partial^\beta \mathcal{A}^\alpha$$

Added source term(s):

$$\mathcal{A}^\alpha \mathcal{T}_\alpha$$

Resolved pole(s)	# polarization(s)	Square mass	Residue
	3	$\frac{2\alpha}{\alpha}$	$\frac{2}{\alpha}$
Resolved unitarity condition(s):		$\alpha > 0 \ \&\& \ \alpha > 0$	