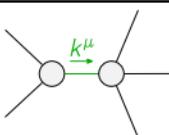


$$\begin{array}{|c|c|} \hline & \mathcal{A}_{0^+}^{\#1} \\ \hline \mathcal{A}_{0^+}^{\#1} + & \begin{array}{|c|c|} \hline 0 & \mathcal{A}_{1^- \alpha}^{\#1} \\ \hline \mathcal{A}_{1^-}^{\#1} + \alpha & -\frac{k^2 \alpha}{2} \\ \hline \end{array} \\ \hline \end{array}$$

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

### Lagrangian

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

|  |   |             |  |
|--|---|-------------|--|
| Added source term(s):  | $\mathcal{A}^\alpha \mathcal{T}_\alpha$ |             |  |
| Source constraint(s)   | # constraint(s)                         |             | Covariant form                           |
| $\mathcal{T}_{0^+}^{\#1} = 0$  | 1                                       |             | $\partial_\alpha \mathcal{T}^\alpha = 0$ |
| Total # constraint(s):   | 1                                       |             |  |
| Resolved pole(s)   | # polarization(s)                       | Square mass | Residue                                  |
|  | 2                                       | 0           | $\frac{1}{\alpha}$                       |
| Resolved unitarity condition(s):   | $\alpha > 0$                            |             |  |