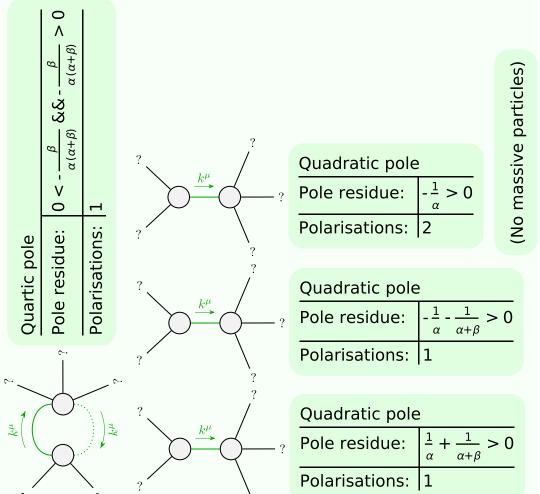
## Particle spectrograph Wave operator and propagator

Quadratic (free) Lagrangian density

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$$\mathcal{B}^{\alpha} \mathcal{J}_{\alpha} + \beta \partial_{\alpha} \mathcal{B}^{\alpha} \partial_{\beta} \mathcal{B}^{\beta} + \alpha \partial_{\beta} \mathcal{B}_{\alpha} \partial^{\beta} \mathcal{B}^{\alpha}$$

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

$$\mathcal{J}_{1^{-}}^{\#1} + \alpha \boxed{\alpha k^{2}}$$
Massive and massless spectra



## Unitarity conditions

(Unitarity is demonstrably impossible)