Particle spectrograph

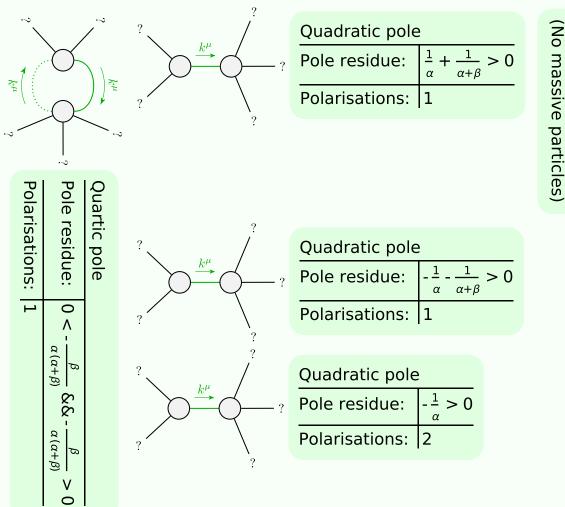
Wave operator and propagator

Quadratic (free) action
$$S_{F} == \iiint (\mathcal{B}^{\alpha} \mathcal{J}_{\alpha} + \beta \partial_{\alpha} \mathcal{B}^{\alpha} \partial_{\beta} \mathcal{B}^{\beta} + \alpha \partial_{\beta} \mathcal{B}_{\alpha} \partial^{\beta} \mathcal{B}^{\alpha})[t, x, y, z] dz dy dx dt$$
(No source constraints)
$$\mathcal{J}_{0+}^{\#1} + \mathcal{J}_{0+}^{\#1}$$

$$\mathcal{J}_{0+}^{\#1} + \frac{1}{(\alpha+\beta)k^{2}}$$

$$\mathcal{J}_{0+}^{\#1} + \frac{1}{(\alpha+\beta)k^{2}}$$

Massive and massless spectra



Unitarity conditions

(Unitarity is demonstrably impossible)