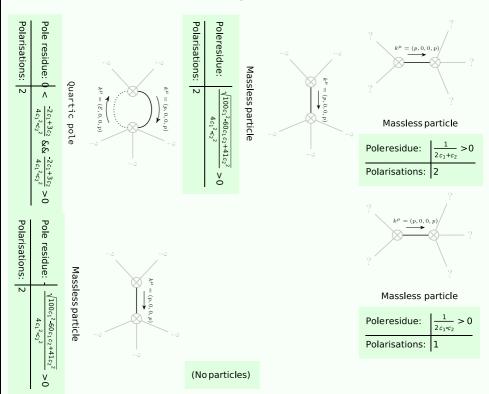
## Particle spectrograph

## Wave operator and propagator

$$S = \iiint (f^{\alpha\beta} \ \tau_{\alpha\beta} + c_2(-\frac{1}{3} \partial_{\beta}f^{\mu}_{\mu} \partial^{\beta}f^{\alpha}_{\alpha} - \frac{1}{3} \partial_{\beta}f^{\alpha\beta} \partial_{\mu}f^{\mu}_{\alpha} + \frac{2}{3} \partial^{\beta}f^{\alpha}_{\alpha} \partial_{\mu}f^{\mu}_{\beta} - 2 \partial_{\alpha}f_{\beta\mu} \partial^{\mu}f^{\alpha\beta} + \partial_{\alpha}f^{\alpha\beta} \partial_{\mu}f^{\alpha\beta} + \partial_{\mu}f^{\alpha\beta} \partial_{\mu}f^$$

## Massive and massless spectra



## **Unitarity conditions**