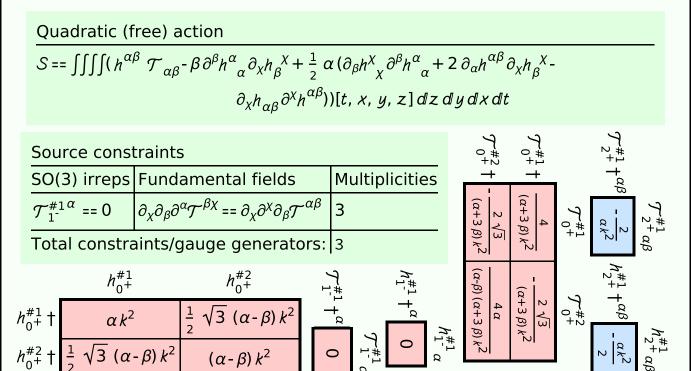
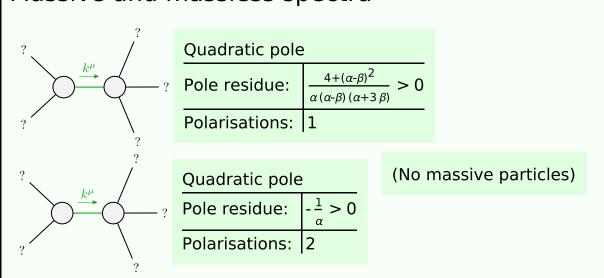
## Particle spectrograph

## Wave operator and propagator



## Massive and massless spectra



## **Unitarity conditions**

$$\alpha$$
 < 0 &&  $\beta$  <  $\alpha$  ||  $\beta$  > - $\frac{\alpha}{3}$