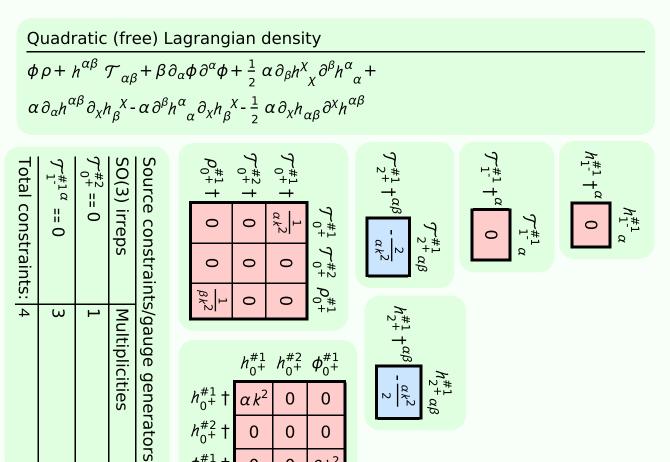
Particle spectrograph

Wave operator and propagator

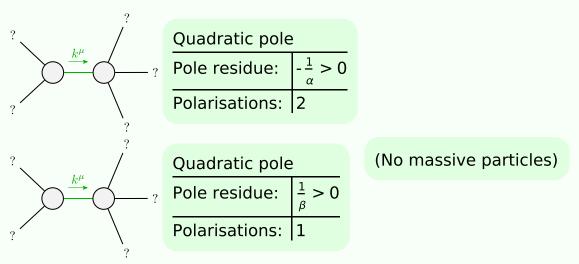


 βk^2

0

0

Massive and massless spectra



Unitarity conditions

$$\alpha$$
 < 0 && β > 0