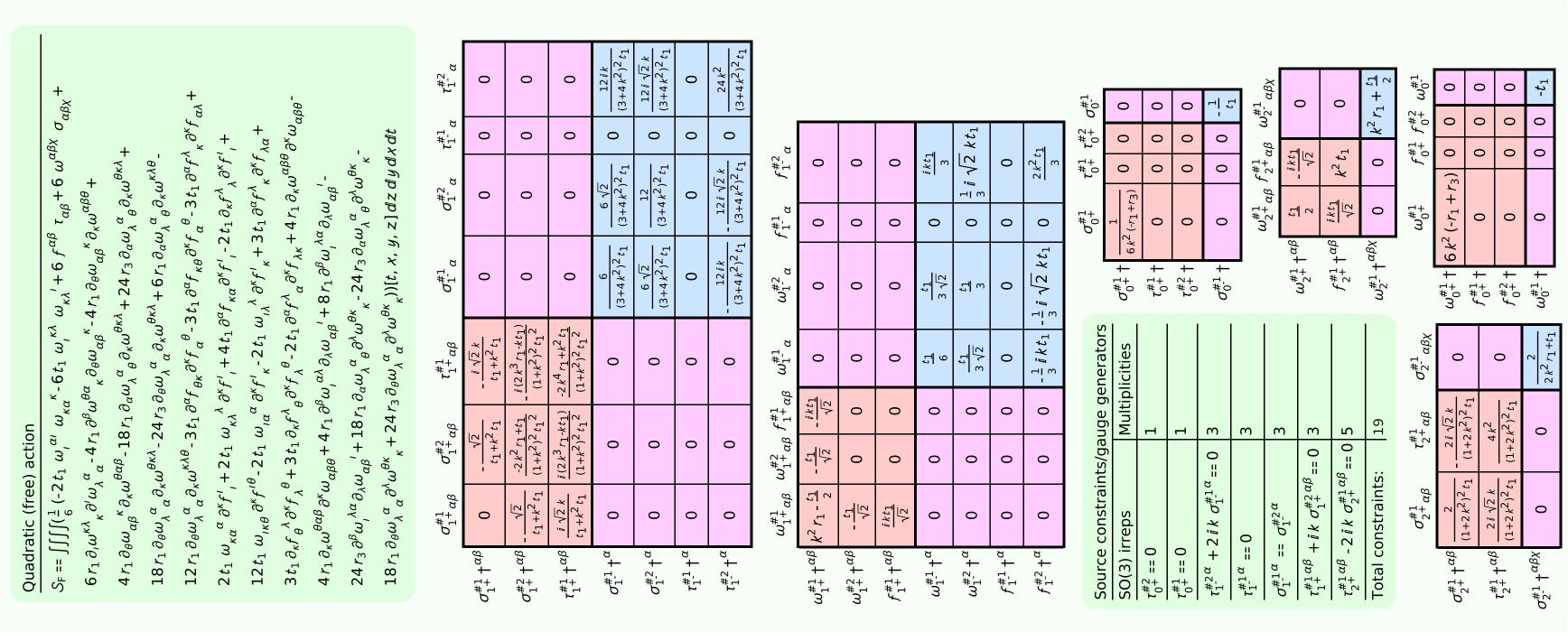
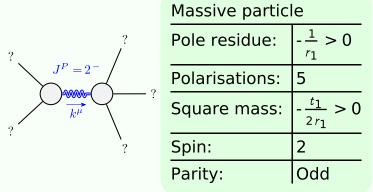
## Particle spectrograph

## Wave operator and propagator



## Massive and massless spectra



(No massless particles)

## **Unitarity conditions**

 $r_1 < 0 \&\& t_1 > 0$