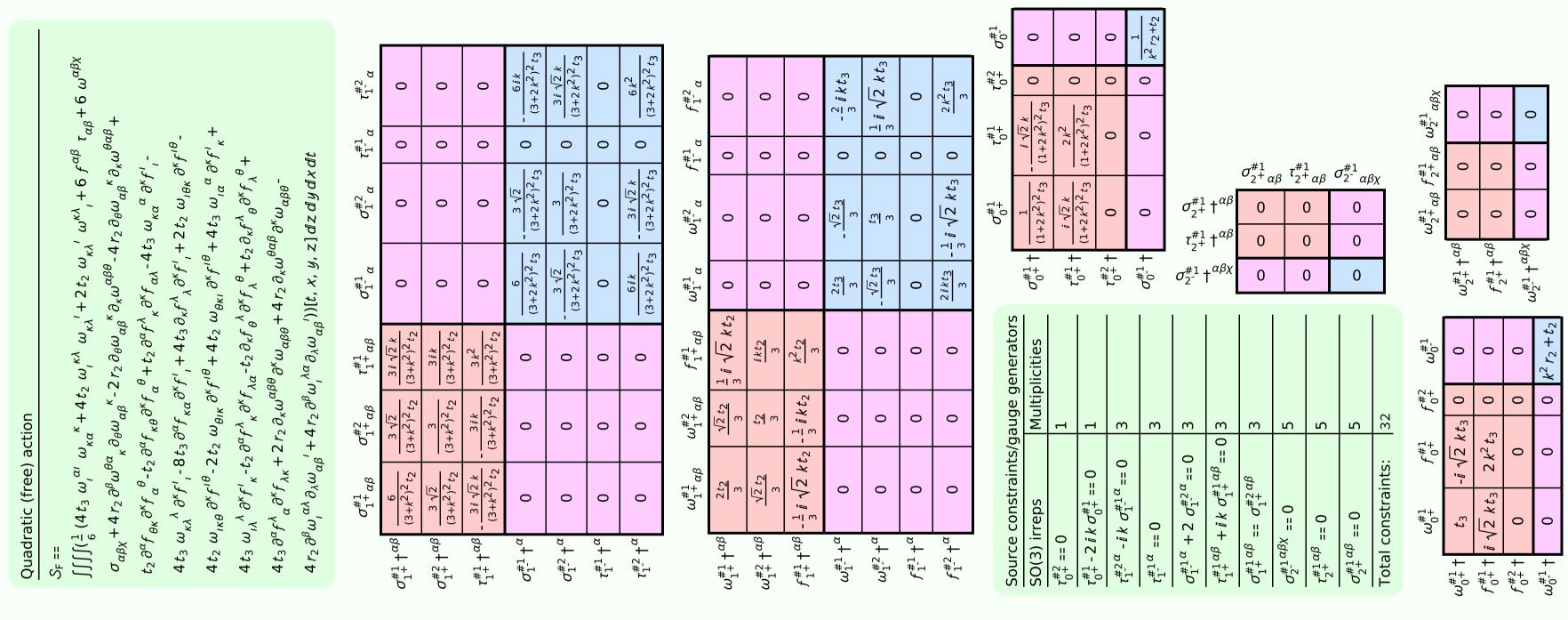
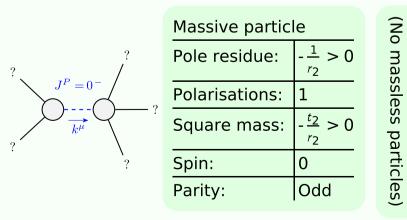
## Particle spectrograph

## Wave operator and propagator



## Massive and massless spectra



## **Unitarity conditions**

 $r_2 < 0 \&\& t_2 > 0$