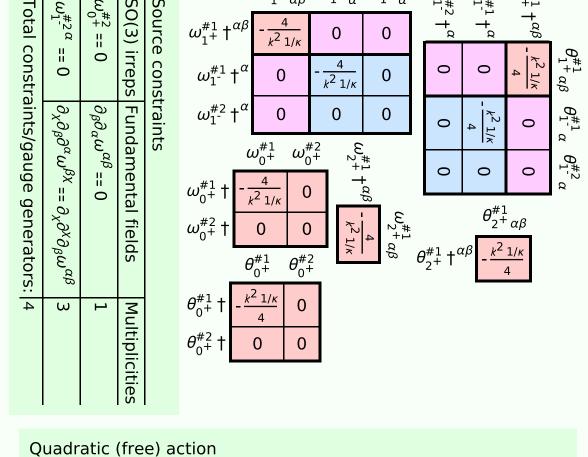
## Particle spectrograph

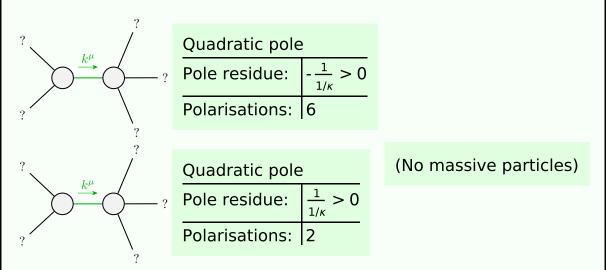
 $\frac{\omega_{1}^{\#1}}{\alpha\beta} \omega_{1}^{\#1} \alpha \omega_{1}^{\#2} \alpha$ 

Wave operator and propagator



$$S == \iiint (\theta^{\alpha\beta} \omega_{\alpha\beta} + \frac{1}{4} 1/\kappa (\partial_{\nu}\theta_{\mu\rho} - \partial_{\rho}\theta_{\mu\nu}) \partial^{\rho}\theta^{\mu\nu})[t, x, y, z] dz dy dx dt$$

## Massive and massless spectra



## Unitarity conditions

(Unitarity is demonstrably impossible)