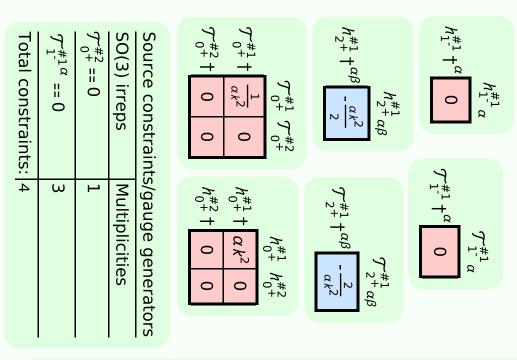
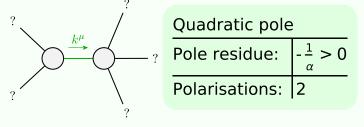
Particle spectrograph

Wave operator and propagator



$$h^{\alpha\beta} \mathcal{T}_{\alpha\beta} + \frac{1}{2} \alpha \partial_{\beta} h^{\chi}_{\chi} \partial^{\beta} h^{\alpha}_{\alpha} + \alpha \partial_{\alpha} h^{\alpha\beta} \partial_{\chi} h^{\chi}_{\beta} - \alpha \partial^{\beta} h^{\alpha}_{\alpha} \partial_{\chi} h^{\chi}_{\beta} - \frac{1}{2} \alpha \partial_{\chi} h_{\alpha\beta} \partial^{\chi} h^{\alpha\beta}$$

Massive and massless spectra



(No massive particles)

Unitarity conditions

$$\alpha$$
 < 0