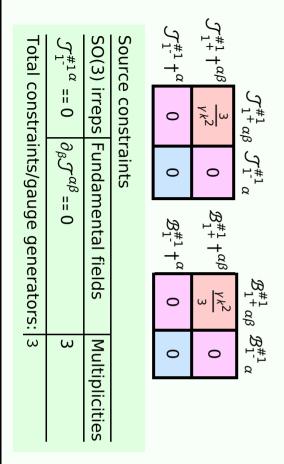
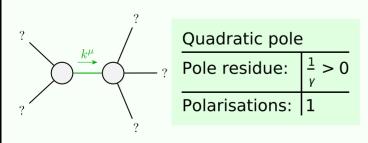
Particle spectrograph

Wave operator and propagator



Quadratic (free) action
$$S = \iiint (\mathcal{B}^{\alpha\beta} \mathcal{J}_{\alpha\beta} + \frac{1}{3} \gamma (-2 \partial_{\beta} \mathcal{B}_{\alpha\chi} + \partial_{\chi} \mathcal{B}_{\alpha\beta}) \partial^{\chi} \mathcal{B}^{\alpha\beta})[t, x, y, z] dz dy dx dt$$

Massive and massless spectra



(No massive particles)

Unitarity conditions

γ > 0