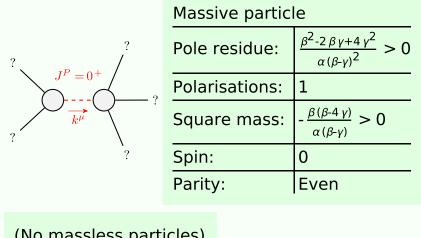
Particle spectrograph

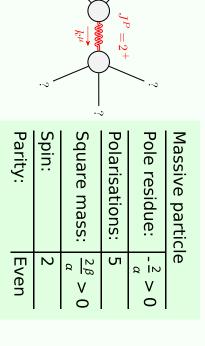
Wave operator and propagator

Quadratic (free) action S == $\iiint (\beta h_{\alpha\beta} h^{\alpha\beta} - \gamma h^{\alpha}_{\alpha} h^{\beta}_{\beta} + h^{\alpha\beta} \mathcal{T}_{\alpha\beta} + \frac{1}{2} \alpha (\partial_{\beta} h^{\chi}_{\chi} \partial^{\beta} h^{\alpha}_{\alpha} + 2 \partial_{\alpha} h^{\alpha\beta} \partial_{\chi} h^{\chi}_{\beta} - 2$ $\partial^{\beta}h^{\alpha}_{\ \alpha}\partial_{\chi}h_{\beta}^{\ \chi}-\partial_{\chi}h_{\alpha\beta}\partial^{\chi}h^{\alpha\beta}))[t,\,\chi,\,y,\,z]\,dz\,dy\,d\chi\,dt$ (No source constraints)

Massive and massless spectra



(No massless particles)



Unitarity conditions

(Unitarity is demonstrably impossible)