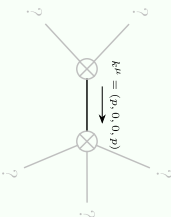


Wave operator and propagator

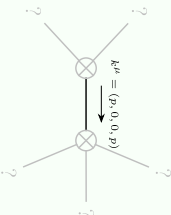
[illegible]

$$S = \iiint (h^{\alpha\beta} \tau_{\alpha\beta} + \frac{1}{2} \beta \partial_\beta h^\alpha_\alpha \partial^\beta h^\alpha_\alpha + \alpha (\partial_\alpha h^{\alpha\beta} \partial_\beta h^\alpha_\alpha - \partial^\beta h^\alpha_\alpha \partial_\beta h^\alpha_\alpha - \frac{1}{2} \partial_\alpha h^{\alpha\beta} \partial^\alpha h^{\alpha\beta})) [t, x, y, z] d^3x$$

Massive and massless spectra



(No particles)



Massless particle

Pole residue:	$-\frac{1}{\alpha} > 0$
Polarisations:	2

Massless particle

Poleresidue:	$\frac{1}{-\alpha+\beta} > 0$
Polarisations:	1

Unitarity conditions