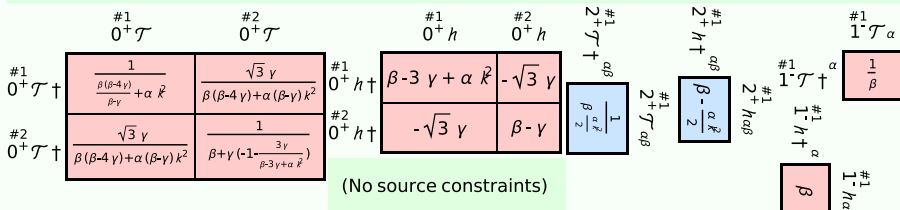
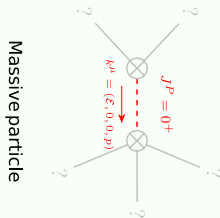


Wave operator and propagator

$$S = \iiint (\beta h_{\alpha\beta} h^{\alpha\beta} - \gamma h^\alpha_\alpha h^\beta_\beta + h^{\alpha\beta} \mathcal{T}_{\alpha\beta} + \\ \frac{1}{2} \alpha (\partial_\beta h^\chi_\chi \partial^\beta h^\alpha_\alpha + 2 \partial_\alpha h^{\alpha\beta} \partial_\chi h^\chi_\beta - 2 \partial^\beta h^\alpha_\alpha \partial_\chi h^\chi_\beta - \partial_\chi h^\alpha_\beta \partial^\chi h^{\alpha\beta})) [t, x, y, z] d^4x d^4y d^4z$$

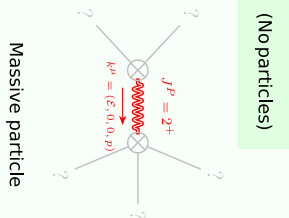


Massive and massless spectra



Pole/residue:	$\frac{\beta^2-2\beta\gamma+4\gamma^2}{\alpha(\beta-\gamma)^2} > 0$
Square mass:	$\frac{\beta(\beta+4\gamma)}{\alpha(\beta-\gamma)} > 0$
Spin:	0
Parity:	Even

Pole residue:	$-\frac{2}{\alpha} > 0$
Squaremass:	$\frac{2\beta}{\alpha} > 0$
Spin:	2
Parity:	Even



Unitarity conditions