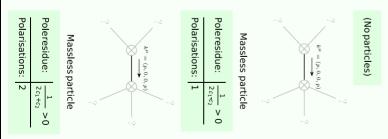
Particle spectrograph

Wave operator and propagator

$$S = \iiint (f^{\alpha\beta} \ \tau_{\alpha\beta} + c_2 (-\partial_{\beta} f^{\mu}_{\ \mu} \partial^{\beta} f^{\alpha}_{\ \alpha} - \partial_{\beta} f^{\alpha\beta} \partial_{\nu} f^{\mu}_{\ \alpha} + 2 \partial^{\beta} f^{\alpha}_{\ \alpha} \partial_{\nu} f^{\mu}_{\ \beta} - 2 \partial_{\alpha} f_{\beta\mu} \partial^{\nu} f^{\alpha\beta} + \partial_{\beta} f_{\alpha\mu} \partial^{\nu} f^{\alpha\beta} + \partial_{\mu} f_{\beta\alpha} \partial^{\nu} f^{\alpha\beta} + \partial_{\mu} f^{\alpha\beta} \partial^{\nu} f^{\alpha}_{\ \alpha} + \partial_{\nu} f^{\alpha\beta} \partial^{\nu} f^{\alpha}_{\ \alpha} + \partial_{\nu} f^{\alpha\beta} \partial^{\nu} f^$$

Massive and massless spectra



Unitarity conditions