Particle spectrograph

Wave operator and propagator

$$S = = \iiint (f^{\alpha\beta} \tau_{\alpha\beta} + \frac{1}{2} t_1 (2 \partial_{\beta}^{\mu} \mu_{\beta}^{\mu} \partial_{\beta}^{\alpha} \alpha_{\alpha} + 2 \partial_{\beta}^{\mu} \partial_{\beta}^{\alpha} \partial_{\alpha}^{\mu} \mu_{\beta}^{\mu} - 4 \partial_{\beta}^{\mu} f_{\alpha}^{\mu} - 4 \partial_{\beta}^{\mu} f_{\alpha}^{\mu} + 2 \partial_{\alpha}^{\mu} f_{\beta\mu} \partial_{\mu}^{\mu} \partial_{\beta}^{\mu} - \partial_{\mu}^{\mu} f_{\alpha\beta}^{\alpha} - \partial_{\mu}^{\mu} f_{\alpha\beta}^{\mu} - \partial_{\mu}^{\mu} f_{\alpha\beta}^{\alpha} - \partial_{\mu}^{\mu} f_{\alpha\beta}^{\mu} - \partial_{\mu}^{\mu} f_{\alpha\beta}^{\alpha} - \partial_{\mu}^{\mu} f_{\alpha\beta}^{\mu} - \partial_{\mu}^{\mu} f_{\alpha\beta}$$

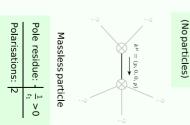
0

0

 $1^{2} \tau + \alpha$

0

Massive and massless spectra



Unitarity conditions