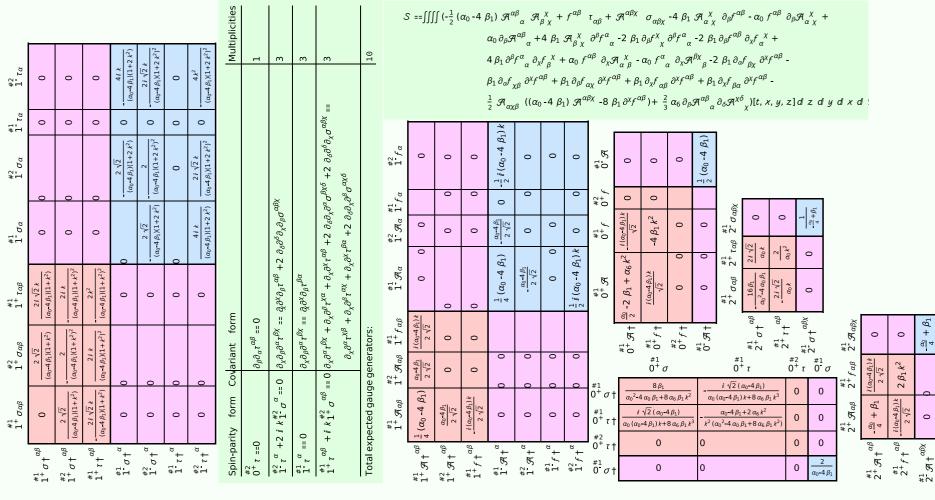
Particle spectrograph

Wave operator and propagator



Massive and massless spectra

Parity:	Spin:	Square mass:	Poleresidue:	Massive	$ \stackrel{?}{\gamma} = \frac{1}{\sqrt{2}} $ $ \stackrel{?}{\gamma} = \frac{1}{\sqrt{2}} $	Polarisations:	Poleresidue:	Massless particle	$\begin{array}{c} \ddots \\ \vdots \\$
Even	0	$\frac{\alpha_0 \left(\alpha_0 - 4\beta_1\right)}{8 \alpha_6 \beta_1} > 0$	$\frac{1}{\alpha_0} + \frac{1}{\alpha_6} - \frac{1}{4\beta_1} > 0$	Massive particle	$JP = 0^{+}$ \vdots \vdots \vdots \vdots \vdots \vdots	2	$\frac{1}{\alpha_0} > 0$	rticle	

Unitarity conditions