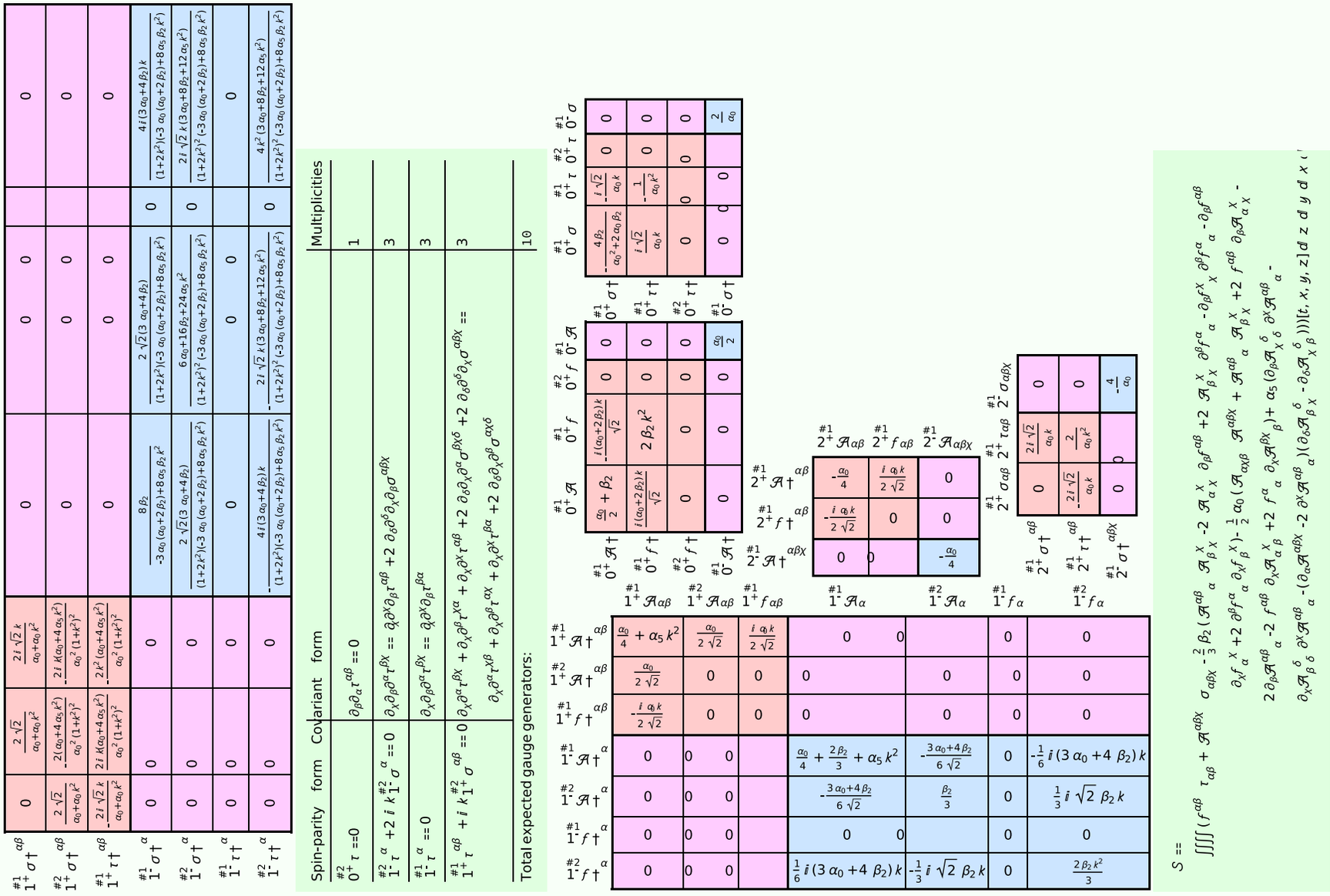
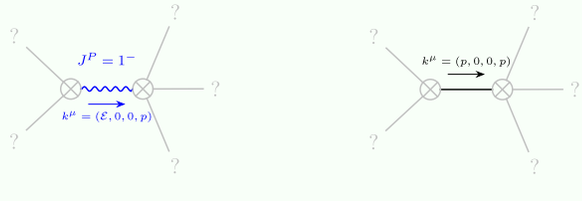
Particle spectrograph

Wave operator and propagator



Massive and massless spectra



Massive particle

Pole residue:	$-\frac{3(8\,\alpha_5\,\beta_2{}^2+4\,\alpha_0\,\beta_2\,(2\,\alpha_5+\beta_2)+\alpha_0{}^2\,(3\,\alpha_5+2\,\beta_2))}{2\,\alpha_5\,\beta_2\,(3\,\alpha_0{}^2+6\,\alpha_0\,\beta_2+4\,\alpha_5\,\beta_2)} > 0$
Squaremass:	$\frac{3\,\alpha_0\,(\alpha_0+2\,\beta_2)}{8\,\alpha_5\,\beta_2} > 0$
Spin:	1
Parity:	Odd

Massless particle

Poleresidue:	$\frac{1}{\alpha_0} > 0$
Polarisations:	2

Unitarity conditions