Particle spectrograph

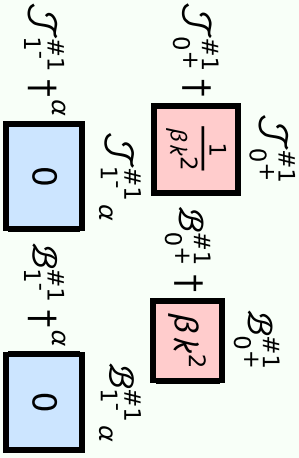
Wave operator and propagator

Source constraints

SO(3) irreps	Fundamental fields	Multiplicities
$\mathcal{T}^{\#1\,\alpha}_{1^-} == 0$	$\partial_\beta \partial^\alpha \mathcal{T}^\beta == \partial_\beta \partial^\beta \mathcal{T}^\alpha$	3
Total constraints/gauge generators:		3

Quadratic (free) action

$$\mathcal{S} == \int\int\int\int (\mathcal{B}^\alpha \ \mathcal{T}_\alpha + \beta\, \partial_\alpha \mathcal{B}^\alpha \, \partial_\beta \mathcal{B}^\beta)[t, x, y, z]\, dz\, dy\, dx\, dt$$



Massive and massless spectra

(No massless particles)

(No massive particles)

Unitarity conditions

True