Particle spectrograph

Wave operator and propagator

Source constraints

SO(3) irreps	Fundamental fields	Multiplicities
$\mathcal{T}^{\#2}_{0^+} == 0$	$\partial_\beta \partial_\alpha \mathcal{T}^{\alpha\beta} == 0$	1
$\Delta^{\#3}_{0^+} + 2\,\Delta^{\#4}_{0^+} + 3\,\Delta^{\#2}_{0^+} == 0$	$\partial_\alpha \Delta^{\alpha}{}_\beta == 0$	1
$\mathcal{T}^{\#1\,\alpha}_{1} == 0$	$\partial_x \partial_\beta \partial_\alpha \mathcal{T}^{-\beta\chi} == \partial_x \partial^\chi \partial_\beta \mathcal{T}^{-\alpha\beta}$	3
$2\,\Delta^{\#6\,\alpha}_{1} + \Delta^{\#4\,\alpha}_{1} + 2\,\Delta^{\#5\,\alpha}_{1} + \Delta^{\#3\,\alpha}_{1} == 0$	$\partial_\beta \partial^\alpha \Delta^{\beta\chi}{}_\chi == \partial_x \partial^\chi \Delta^{\alpha}{}_\beta$	3
Total constraints/gauge generators:		8

Quadratic (free) action

$S ==$ (large expression)

The remaining content consists of multiple large matrices of mathematical expressions (wave operator and propagator blocks).