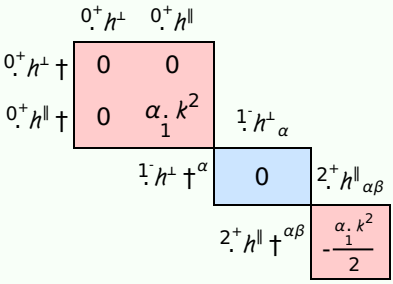
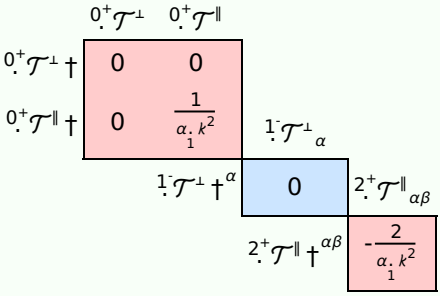
PSALTer results panel

$$\mathcal{S} == \iiiint (h^{\alpha\beta}\ \mathcal{T}_{\alpha\beta} + \frac{1}{2}\ \alpha_1 . (\partial_\beta h^\chi{}_\chi\ \partial^\beta h^\alpha{}_\alpha + 2\ \partial_\alpha h^{\alpha\beta}\ \partial_\chi h_\beta{}^\chi - 2\ \partial^\beta h^\alpha{}_\alpha\ \partial_\chi h_\beta{}^\chi - \partial_\chi h_{\alpha\beta}\ \partial^\chi h^{\alpha\beta}))[t, x, y, z]\ dt\ dx\ dy\ dz$$

Wave operator



Saturated propagator



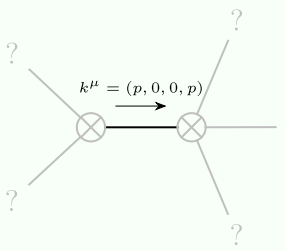
Source constraints

Spin-parity form	Covariant form	Multiplicities
$0^+ . \mathcal{T}^\perp == 0$	$\partial_\beta \partial_\alpha \mathcal{T}^{\alpha\beta} == 0$	1
$1^- . \mathcal{T}^\perp{}^\alpha == 0$	$\partial_\chi \partial_\beta \partial^\alpha \mathcal{T}^{\beta\chi} == \partial_\chi \partial^\chi \partial_\beta \mathcal{T}^{\alpha\beta}$	3
Total expected gauge generators:		4

Massive spectrum

(No particles)

Massless spectrum



Massless particle

Pole residue:	$-\frac{p^2}{\alpha_1} > 0$
Polarisations:	2

Unitarity conditions

$\alpha_1 . < 0$