PSALTer results panel

Wave operator and propagator

$$\mathcal{S} == \int\int\int\int (\mathcal{M}\ \mathcal{B}_{\alpha\beta}\ \mathcal{B}^{\alpha\beta} + \mathcal{B}^{\alpha\beta}\ \mathcal{T}_{\alpha\beta} + \frac{1}{3}\,\alpha\,(-2\,\partial_\beta \mathcal{B}_{\alpha\chi} + \partial_\chi \mathcal{B}_{\alpha\beta})\,\partial^\chi \mathcal{B}^{\alpha\beta})[t, x, y, z]\,dl\ z\ dl\ y\ dl\ x$$

	$1^+_{\#1}\,\mathcal{T}_{\alpha\beta}$	$1^-_{\#1}\,\mathcal{T}_{\alpha}$
$1^+_{\#1}\,\mathcal{T}\dagger^{\alpha\beta}$	$\frac{1}{\frac{k^2\,\alpha}{3}+\mathcal{M}}$	0
$1^-_{\#1}\,\mathcal{T}\dagger^{\alpha}$	0	$\frac{1}{\mathcal{M}}$

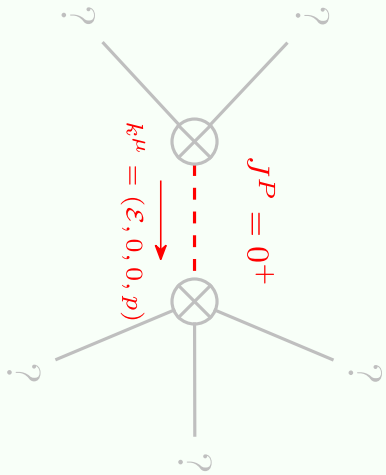
	$1^+_{\#1}\,\mathcal{B}_{\alpha\beta}$	$1^-_{\#1}\,\mathcal{B}_{\alpha}$
$1^+_{\#1}\,\mathcal{B}\dagger^{\alpha\beta}$	$\frac{k^2\,\alpha}{3}+\mathcal{M}$	0
$1^-_{\#1}\,\mathcal{B}\dagger^{\alpha}$	0	$\mathcal{M}$

(No source constraints)

Massive and massless spectra

Parity:	Even
Spin:	0
Square mass:	$\frac{3\,\mathcal{M}}{\alpha} > 0$
Poleresidue:	$\frac{3}{\alpha} > 0$

Massive particle



(No particles)

Unitarity conditions