PSALTer results panel

$$\mathcal{S} == \int\int\int\int (\alpha_{3}\, \mathcal{B}_{\alpha}\, \mathcal{B}^{\alpha} + \mathcal{B}^{\alpha}\, \mathcal{J}_{\alpha} + 2\, \alpha_{1}\, (-\partial_{\alpha}\mathcal{B}_{\beta} + \partial_{\beta}\mathcal{B}_{\alpha})\, \partial^{\beta}\mathcal{B}^{\alpha})[t, x, y, z]\, dz\, dy\, dx\, dt$$

Wave operator

	$0^{+}: \mathcal{B}$	$1^{-}: \mathcal{B}_{\alpha}$
$0^{+}: \mathcal{B}\,\dagger$	α_{3}	
$1^{-}: \mathcal{B}\,\dagger^{\alpha}$		$\alpha_{3} + 2\, \alpha_{1}\, k^{2}$

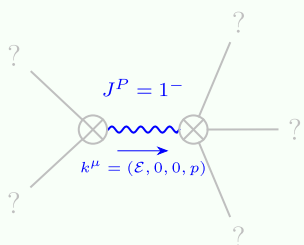
Saturated propagator

	$0^{+}: \mathcal{J}$	$1^{-}: \mathcal{J}_{\alpha}$
$0^{+}: \mathcal{J}\,\dagger$	$\frac{1}{\alpha_{3}}$	
$1^{-}: \mathcal{J}\,\dagger^{\alpha}$		$\frac{1}{\alpha_{3} + 2\, \alpha_{1}\, k^{2}}$

Source constraints

(No source constraints)

Massive spectrum



Massive particle

Pole residue:	$-\frac{1}{2\, \alpha_{1}} > 0$
Square mass:	$-\frac{\alpha_{3}}{2\, \alpha_{1}} > 0$
Spin:	1
Parity:	Odd

Massless spectrum

(No particles)

Unitarity conditions

$\alpha_{1} < 0$ && $\alpha_{3} > 0$