PSALTer results panel

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

Wave operator

	$\overset{0^+}{\cdot}\mathcal{B}$	$\overset{1^-}{\cdot}\mathcal{B}_{\alpha}$
$\overset{0^+}{\cdot}\mathcal{B}\,\dagger$	$\underset{3}{\alpha_{\cdot}} + (\underset{1}{\alpha_{\cdot}} + \underset{2}{\alpha_{\cdot}})\,k^2$	
$\overset{1^-}{\cdot}\mathcal{B}\,\dagger^{\alpha}$		$\underset{3}{\alpha_{\cdot}} + \underset{1}{\alpha_{\cdot}}\,k^2$

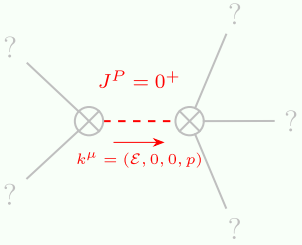
Saturated propagator

	$\overset{0^+}{\cdot}\mathcal{J}$	$\overset{1^-}{\cdot}\mathcal{J}_{\alpha}$
$\overset{0^+}{\cdot}\mathcal{J}\,\dagger$	$\frac{1}{\underset{3}{\alpha_{\cdot}}+(\underset{1}{\alpha_{\cdot}}+\underset{2}{\alpha_{\cdot}})\,k^2}$	
$\overset{1^-}{\cdot}\mathcal{J}\,\dagger^{\alpha}$		$\frac{1}{\underset{3}{\alpha_{\cdot}}+\underset{1}{\alpha_{\cdot}}\,k^2}$

Source constraints

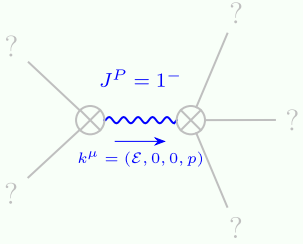
(No source constraints)

Massive spectrum



Massive particle

Pole residue:	$\frac{1}{\underset{1}{\alpha_{\cdot}}+\underset{2}{\alpha_{\cdot}}} > 0$
Square mass:	$-\frac{\underset{3}{\alpha_{\cdot}}}{\underset{1}{\alpha_{\cdot}}+\underset{2}{\alpha_{\cdot}}} > 0$
Spin:	0
Parity:	Even



Massive particle

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

Massless spectrum

(No particles)

Unitarity conditions

(Demonstrably impossible)