PSALTer results panel

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

Wave operator

$$
\begin{array}{c|c|c}
 & {}^{0^+}\!\!\!.\,\mathcal{B} & \\
\hline
{}^{0^+}\!\!\!.\,\mathcal{B}\dagger & \alpha_{2} \, k^2 & {}^{1^-}\!\!\!.\,\mathcal{B}_{\alpha} \\
\hline
{}^{1^-}\!\!\!.\,\mathcal{B}\dagger^{\alpha} & & 0 \\
\end{array}
$$

Saturated propagator

$$
\begin{array}{c|c|c}
 & {}^{0^+}\!\!\!.\,\mathcal{J} & \\
\hline
{}^{0^+}\!\!\!.\,\mathcal{J}\dagger & \dfrac{1}{\alpha_{2} \, k^2} & {}^{1^-}\!\!\!.\,\mathcal{J}_{\alpha} \\
\hline
{}^{1^-}\!\!\!.\,\mathcal{J}\dagger^{\alpha} & & 0 \\
\end{array}
$$

Source constraints

Spin-parity form	Covariant form	Multiplicities
${}^{1^-}\!\!.\,\mathcal{J}^{\alpha} == 0$	$\partial_{\beta}\partial^{\alpha}\mathcal{J}^{\beta} == \partial_{\beta}\partial^{\beta}\mathcal{J}^{\alpha}$	3
Total expected gauge generators:	3

Massive spectrum

(No particles)

Massless spectrum

(No particles)

Unitarity conditions

True