

PSALTer results panel

$$S = \iiint \left(\rho \varphi + \alpha_1 \partial_\alpha \varphi \partial^\alpha \varphi \right) [t, x, y, z] dz dy dx dt$$

Wave operator

$$\overset{\cdot}{\varphi} \overset{\cdot}{\varphi} \dagger \begin{matrix} \overset{\cdot}{\varphi} \\ \alpha_1 k^2 \end{matrix}$$

Saturated propagator

$$\overset{\cdot}{\rho} \overset{\cdot}{\rho} \dagger \begin{matrix} \overset{\cdot}{\rho} \\ \frac{1}{\alpha_1 k^2} \end{matrix}$$

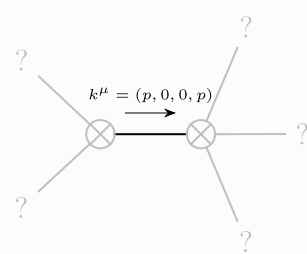
Source constraints

(There are no source constraints and no gauge symmetries)

Massive spectrum

(There are no massive particles)

Massless spectrum



Massless particle

Pole residue:	$\frac{1}{\alpha_1} > 0$
Polarisations:	1

Gauge symmetries

(Not yet implemented in PSALTer)

Unitarity conditions

$$\alpha_1 > 0$$

Validity assumptions

(Not yet implemented in PSALTer)