

PSALTer results panel

$S ==$

$$\iiint\iiint(\varphi(\rho-\alpha_{\dot{2}}\varphi)+\alpha_{\dot{1}}\partial_{\alpha}\varphi\partial^{\alpha}\varphi)[t,\chi,y,z]dzd\chi dydxdt$$

Wave operator

$\overset{0^+}{\dot{.}}\varphi$

$\overset{0^+}{\dot{.}}\varphi\dagger\boxed{-\alpha_{\dot{2}}+\alpha_{\dot{1}}k^2}$

Saturated propagator

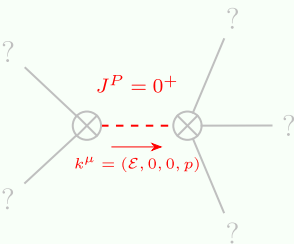
$\overset{0^+}{\dot{.}}\rho$

$\overset{0^+}{\dot{.}}\rho\dagger\boxed{\frac{1}{-\alpha_{\dot{2}}+\alpha_{\dot{1}}k^2}}$

Source constraints

(No source constraints)

Massive spectrum



Massive particle

Pole residue:	$\frac{1}{\alpha_{\dot{1}}} > 0$
Square mass:	$\frac{\alpha_{\dot{2}}}{\alpha_{\dot{1}}} > 0$
Spin:	0
Parity:	Even

Massless spectrum

(No particles)

Unitarity conditions

$\alpha_{\dot{1}} > 0 \ \&\& \ \alpha_{\dot{2}} > 0$