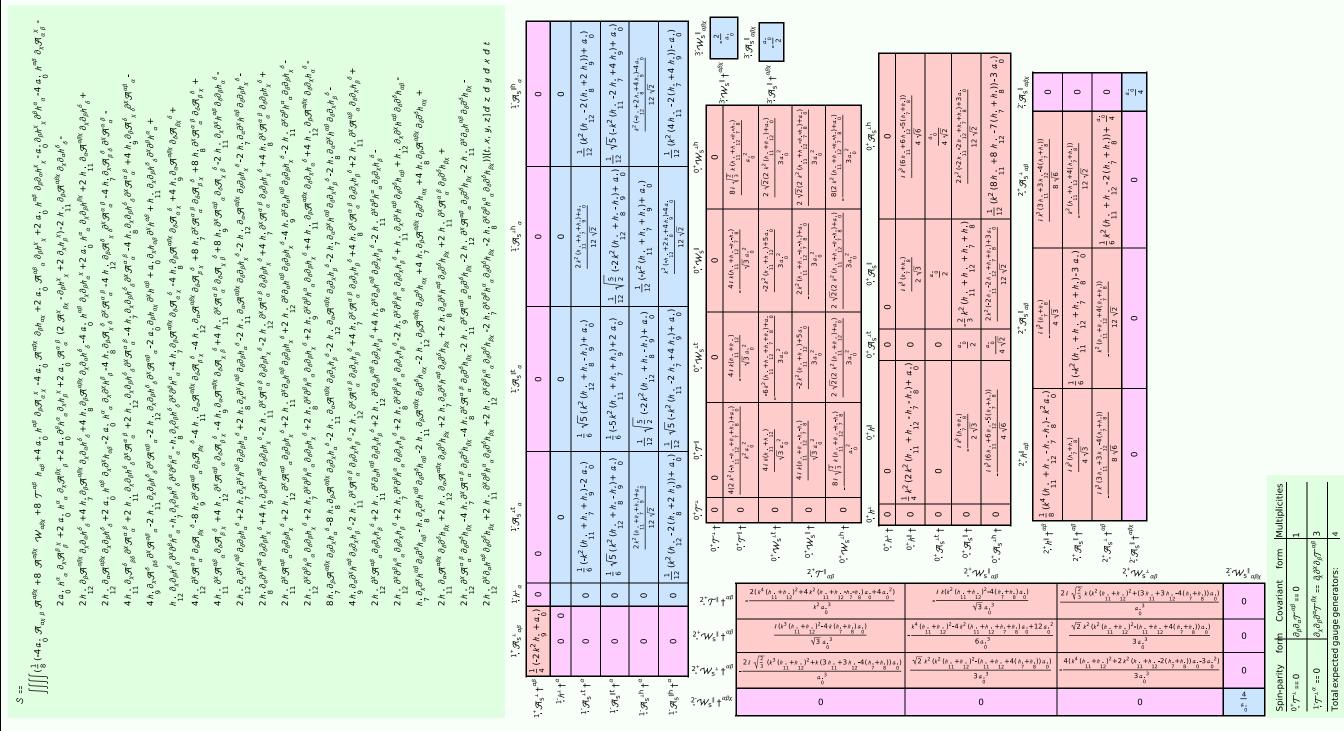
PSALTer results panel

Wave operator and propagator



Massive and massless spectra

Parity:	Square mass: Spin:		Massive par	$J^{P} = 1 + $ $R^{\mu} = (\mathcal{E}, 0, 0, p)$	Polarisations:	Pole residue:	Massless pa	$k^{\mu} = (p, 0, 0, \frac{1}{2})$
Even	$\frac{\frac{1}{2h}}{\frac{2h}{9}} > 0$	² / ₉ >0	ticle		2	^a 1 > 0	rticle	

Unitarity conditions

$$\begin{aligned} & (h_1) \mid h_1 \rangle \in R \, \& \, a_6 < 0 \, \& \, \\ & ((h_8 < h_7 \, \& \, \& \, ((h_9 < \frac{1}{12} (\cdot h_7 + h_8) \, \& \, \& \, \frac{1}{2} (2 h_{11} + h_7 - h_8 - 12 h_9) - \frac{1}{2} \sqrt{\frac{5}{3}} \, \sqrt{h_7^2 - 2 h_7 h_8 + h_8^2 + 24 h_7 h_9 - 24 h_8 h_9 + 144 h_9^2} \\ & (h_8 < h_7 \, \& \, \& \, ((h_9 < \frac{1}{12} (\cdot h_7 + h_8) \, \& \, \& \, \frac{1}{12} (2 h_{11} + h_7 - h_8 - 12 h_9) + \frac{1}{2} \sqrt{\frac{5}{3}} \, \sqrt{h_7^2 - 2 h_7 h_8 + h_8^2 + 24 h_7 h_9 - 24 h_8 h_9 + 144 h_9^2} \\ & (h_9 = \frac{1}{12} (\cdot h_7 + h_8) \, \& \, \& \, h_{12} = \frac{1}{2} (2 h_{11} + h_7 - h_8 - 12 h_9) + \frac{1}{2} \sqrt{\frac{5}{3}} \, \sqrt{h_7^2 - 2 h_7 h_8 + h_8^2 + 24 h_7 h_9 - 24 h_8 h_9 + 144 h_9^2} \\ & (h_1 = h_7 - h_8) \cdot h_9 \cdot h_$$