PSALTer results panel

Wave operator and propagator

(Wave operator and propagator matrices — dense symbolic matrix tables in pink and blue cells, including blocks labeled $^{1+}\!\mathcal{A}_s{}^{\perp}{}_{\alpha\beta}$, $^{1}h^{\perp}{}_{\alpha}$, $^{1}\mathcal{A}_s{}^{\perp t}{}_{\alpha}$, $^{1}\mathcal{A}_s{}^{\parallel t}{}_{\alpha}$, $^{1}\mathcal{A}_s{}^{\perp h}{}_{\alpha}$, $^{1}\mathcal{A}_s{}^{\parallel h}{}_{\alpha}$ and the 0^+, 2^+, 2^-, 0^+, 3^- sectors.)

Massive and massless spectra

Parity:	Spin:	Square mass:	Pole residue:	

Massive particle

Massless particle

Pole residue:	$-\dfrac{1}{a_0} > 0$
Polarisations:	2

Unitarity conditions

$$\left(h_{7} \mid h_{12}\right) \in \mathbb{R} \;\&\&\; a_0 < 0 \;\&\&\; h_8 < h_7$$