

PSALTER results panel

$$S = \iiint \left[\left(\mathcal{A}^{\alpha\beta\chi} \sigma_{\alpha\beta\chi} + f^{\alpha\beta} \tau (\Delta + \mathcal{K})_{\alpha\beta} + \frac{1}{6} t_{\cdot 1} \left(2 \mathcal{A}^{\alpha\prime}{}_{\alpha} \mathcal{A}_{\prime\theta}{}^{\theta} - 4 \mathcal{A}_{\alpha}{}^{\theta}{}_{\theta} \partial_{\prime} f^{\alpha\prime} + 4 \mathcal{A}_{\prime\theta}{}^{\theta} \partial_{\prime} f^{\alpha}{}_{\alpha} - 2 \partial_{\prime} f^{\theta}{}_{\theta} \partial_{\prime} f^{\alpha}{}_{\alpha} - 2 \partial_{\prime} f^{\alpha\prime}{}_{\alpha} \partial_{\theta} f^{\theta}{}_{\alpha} + 4 \partial_{\prime} f^{\alpha}{}_{\alpha} \partial_{\theta} f_{\prime}{}^{\theta}{}_{\theta} - 6 \partial_{\alpha} f_{\prime\theta}{}^{\theta} \partial^{\theta} f^{\alpha\prime} - 3 \partial_{\alpha} f_{\theta\prime}{}^{\theta} \partial^{\theta} f^{\alpha\prime} + 3 \partial_{\prime} f_{\alpha\theta}{}^{\theta} \partial^{\theta} f^{\alpha\prime} + 3 \partial_{\theta} f_{\alpha\prime}{}^{\theta} \partial^{\theta} f^{\alpha\prime} + 3 \partial_{\theta} f_{\prime\alpha}{}^{\theta} \partial^{\theta} f^{\alpha\prime} + 6 \mathcal{A}_{\alpha\theta\prime} \left(\mathcal{A}^{\alpha\prime\theta} + 2 \partial^{\theta} f^{\alpha\prime} \right) \right) + r_{\cdot 5} \left(\partial_{\prime} \mathcal{A}_{\theta}{}^{\kappa}{}_{\kappa} \partial^{\theta} \mathcal{A}^{\alpha\prime}{}_{\alpha} - \partial_{\theta} \mathcal{A}_{\prime}{}^{\kappa}{}_{\kappa} \partial^{\theta} \mathcal{A}^{\alpha\prime}{}_{\alpha} - \left(\partial_{\alpha} \mathcal{A}^{\alpha\prime\theta} - 2 \partial^{\theta} \mathcal{A}^{\alpha\prime}{}_{\alpha} \right) \left(\partial_{\kappa} \mathcal{A}_{\prime}{}^{\kappa}{}_{\theta} - \partial_{\kappa} \mathcal{A}_{\theta}{}^{\kappa}{}_{\prime} \right) \right) \right] [t, x, y, z] dz dy dx dt$$

Wave operator

$\overset{0}{\cdot}\overset{+}{\mathcal{A}}\parallel$ $\overset{0}{\cdot}\overset{+}{f}\parallel$ $\overset{0}{\cdot}\overset{+}{f}^{\perp}$ $\overset{0}{\cdot}\overset{-}{\mathcal{A}}\parallel$	$\overset{0}{\cdot}\overset{+}{\mathcal{A}}\parallel$ $\overset{0}{\cdot}\overset{+}{f}\parallel$ $\overset{0}{\cdot}\overset{+}{f}^{\perp}$ $\overset{0}{\cdot}\overset{-}{\mathcal{A}}\parallel$	$\overset{0}{\cdot}\overset{+}{f}\parallel$ $\overset{0}{\cdot}\overset{+}{f}^{\perp}$ $\overset{0}{\cdot}\overset{-}{\mathcal{A}}\parallel$	$\overset{0}{\cdot}\overset{+}{f}^{\perp}$ $\overset{0}{\cdot}\overset{-}{\mathcal{A}}\parallel$	$\overset{1}{\cdot}\overset{+}{\mathcal{A}}\parallel_{\alpha\beta}$ $\overset{1}{\cdot}\overset{+}{\mathcal{A}}^{\perp}_{\alpha\beta}$ $\overset{1}{\cdot}\overset{+}{f}\parallel_{\alpha\beta}$	$\overset{1}{\cdot}\overset{+}{\mathcal{A}}\parallel_{\alpha}$ $\overset{1}{\cdot}\overset{+}{\mathcal{A}}^{\perp}_{\alpha}$ $\overset{1}{\cdot}\overset{+}{f}\parallel_{\alpha}$ $\overset{1}{\cdot}\overset{+}{f}^{\perp}_{\alpha}$
$\overset{1}{\cdot}\overset{+}{\mathcal{A}}\parallel^{\alpha\beta}$ $\overset{1}{\cdot}\overset{+}{\mathcal{A}}^{\perp\alpha\beta}$ $\overset{1}{\cdot}\overset{+}{f}\parallel^{\alpha\beta}$	$k^2 r_5 - \frac{t_1}{2} - \frac{t_1}{\sqrt{2}} - \frac{i k t_1}{\sqrt{2}}$ $-\frac{t_1}{\sqrt{2}}$ $\frac{i k t_1}{\sqrt{2}}$	0 0 0	0 0 0	0 0 0	0 0 0
$\overset{1}{\cdot}\overset{-}{\mathcal{A}}\parallel^{\alpha}$ $\overset{1}{\cdot}\overset{-}{\mathcal{A}}^{\perp\alpha}$ $\overset{1}{\cdot}\overset{-}{f}\parallel^{\alpha}$ $\overset{1}{\cdot}\overset{-}{f}^{\perp\alpha}$	0 0 0 0	0 0 0 0	0 0 0 0	$k^2 r_5 + \frac{t_1}{6} - \frac{t_1}{3\sqrt{2}}$ $\frac{t_1}{3\sqrt{2}}$ $\frac{t_1}{3}$ $-\frac{1}{3} i k t_1 - \frac{1}{3} i \sqrt{2} k t_1$	0 0 $\frac{1}{3} i \sqrt{2} k t_1$ 0
$\overset{2}{\cdot}\overset{+}{\mathcal{A}}\parallel^{\alpha\beta}$ $\overset{2}{\cdot}\overset{+}{f}\parallel^{\alpha\beta}$ $\overset{2}{\cdot}\overset{-}{\mathcal{A}}\parallel^{\alpha\beta X}$	$\frac{t_1}{2} - \frac{i k t_1}{\sqrt{2}}$ $\frac{i k t_1}{\sqrt{2}}$ 0	0 $k^2 t_1$ 0	0 0 0	0 0 0	0 0 $\frac{t_1}{2}$