|1> + |alpha=1>, phase = 0 pi, detection=**FIRST**.

$\log_{10}\left(\frac{\Delta X^{(out)}}{\Delta X^{(in)}}\right)$

$\log_{10}\left(\frac{\Delta X^{(out)}}{\Delta X^{(in)}}\right)$

$\Delta P$

$$\log_{10}\left(\frac{\Delta P^{(out)}}{\Delta P^{(in)}}\right)$$

$$\log_{10}\left(\frac{\Delta P^{(out)}}{\Delta P^{(in)}}\right)$$

# ERP correlations.

$$\frac{\Delta[P^{(1)} + P^{(2)}]^{(out)}}{\Delta[P^{(1)} + P^{(2)}]^{(in)}}$$

$$\frac{\Delta[P^{(1)} - P^{(2)}]^{(out)}}{\Delta[P^{(1)} - P^{(2)}]^{(in)}}$$
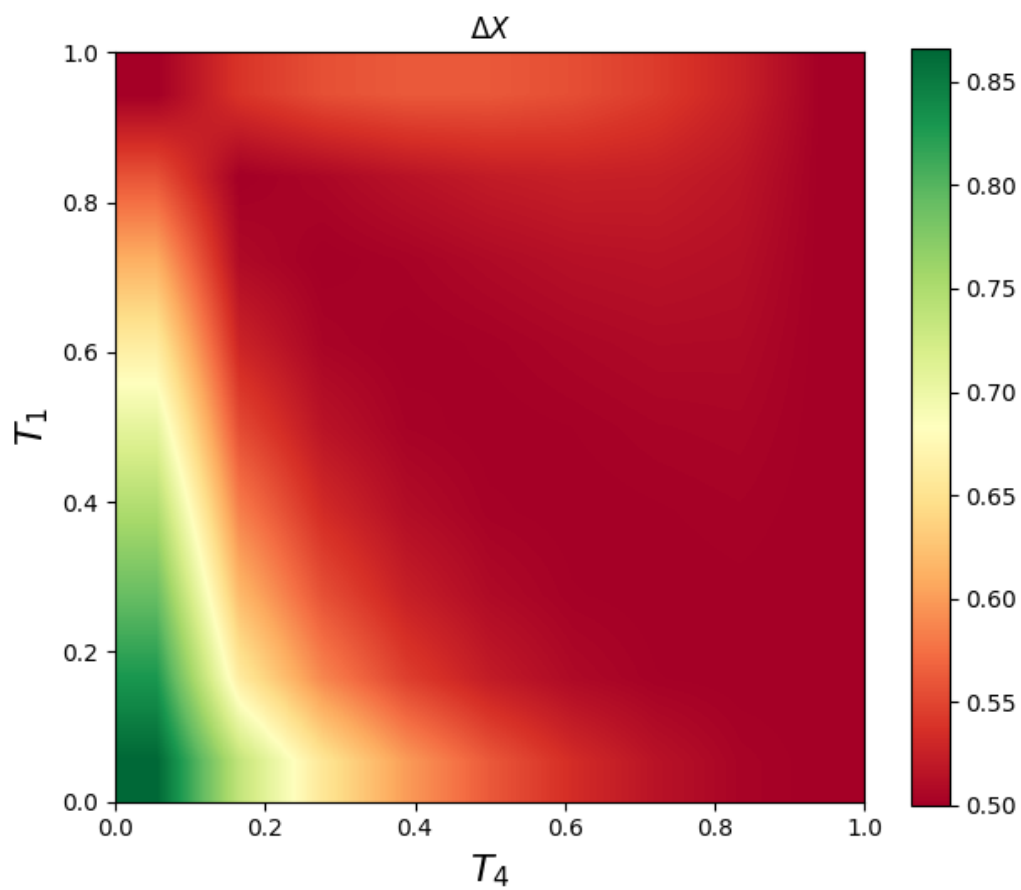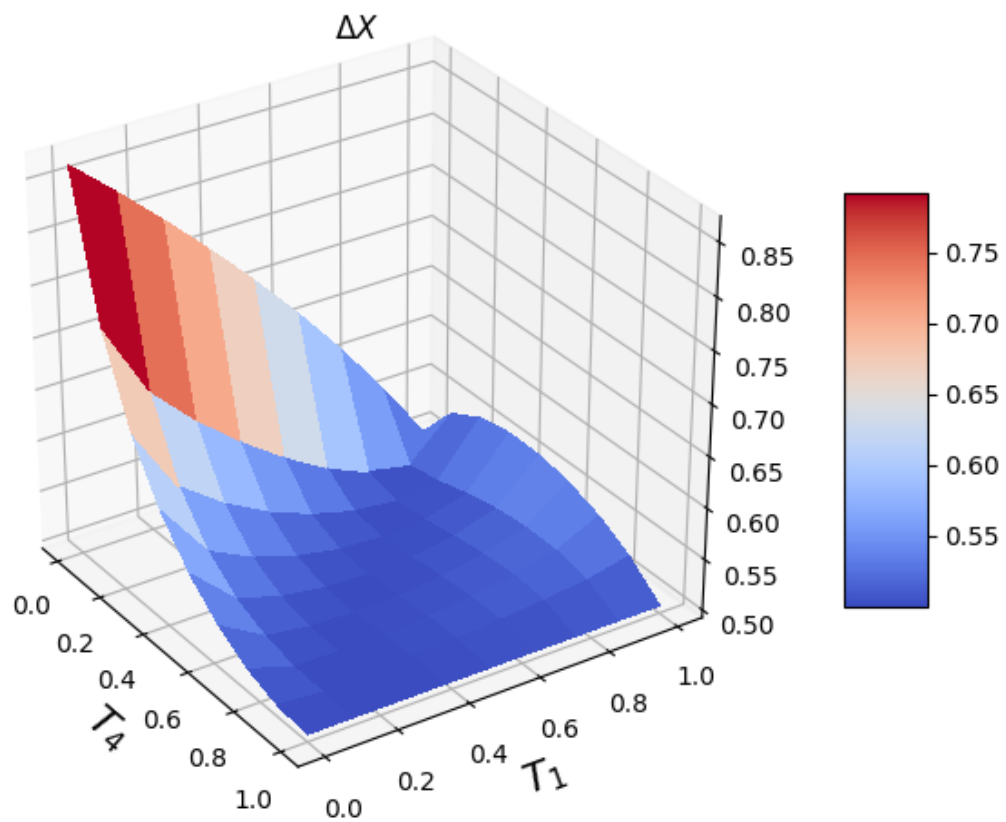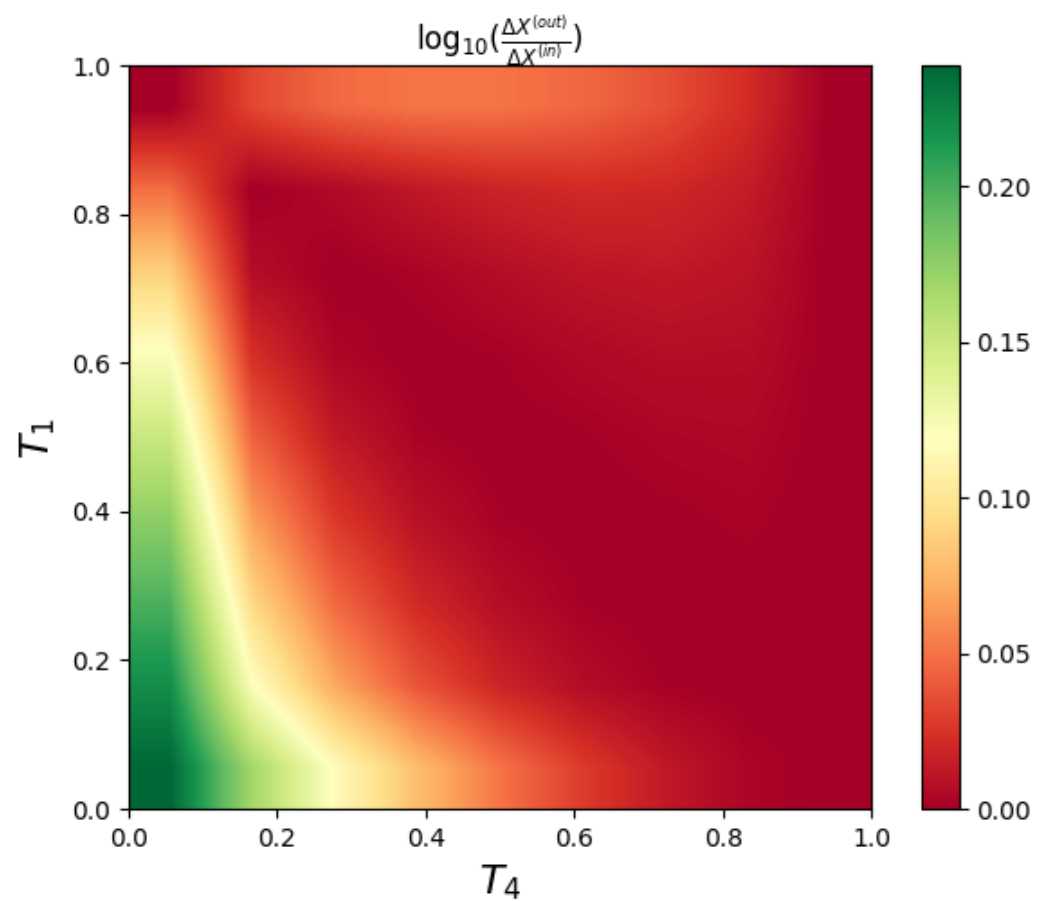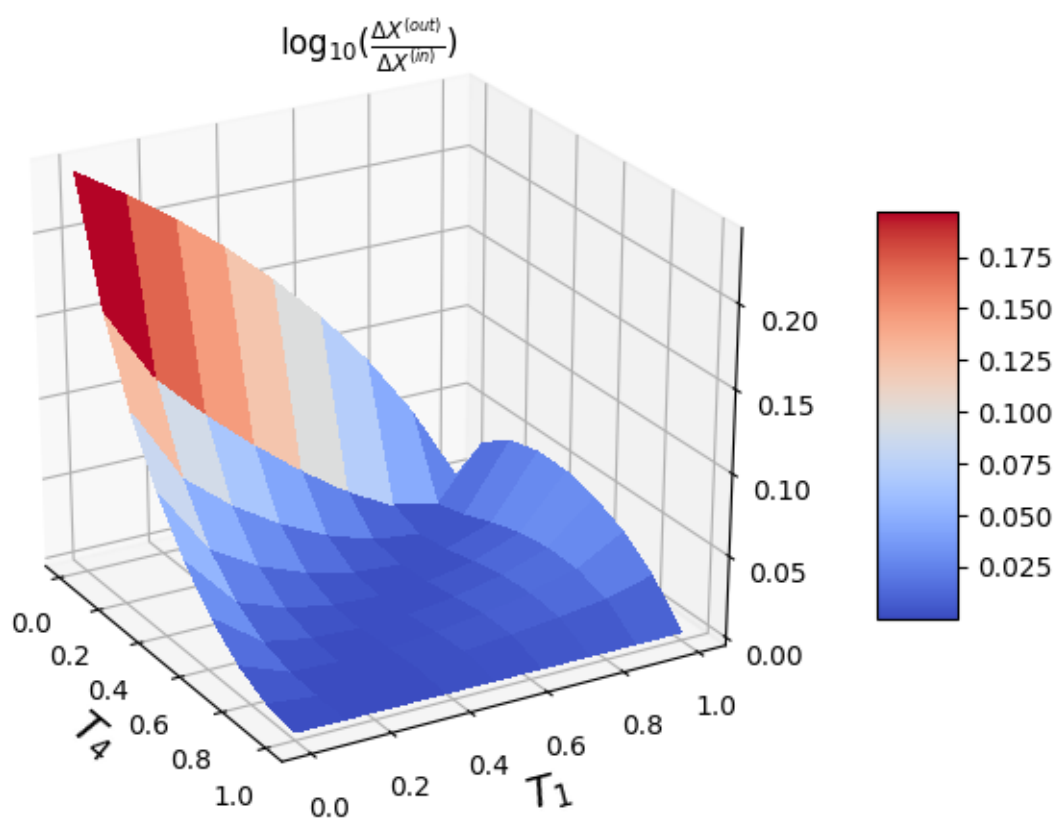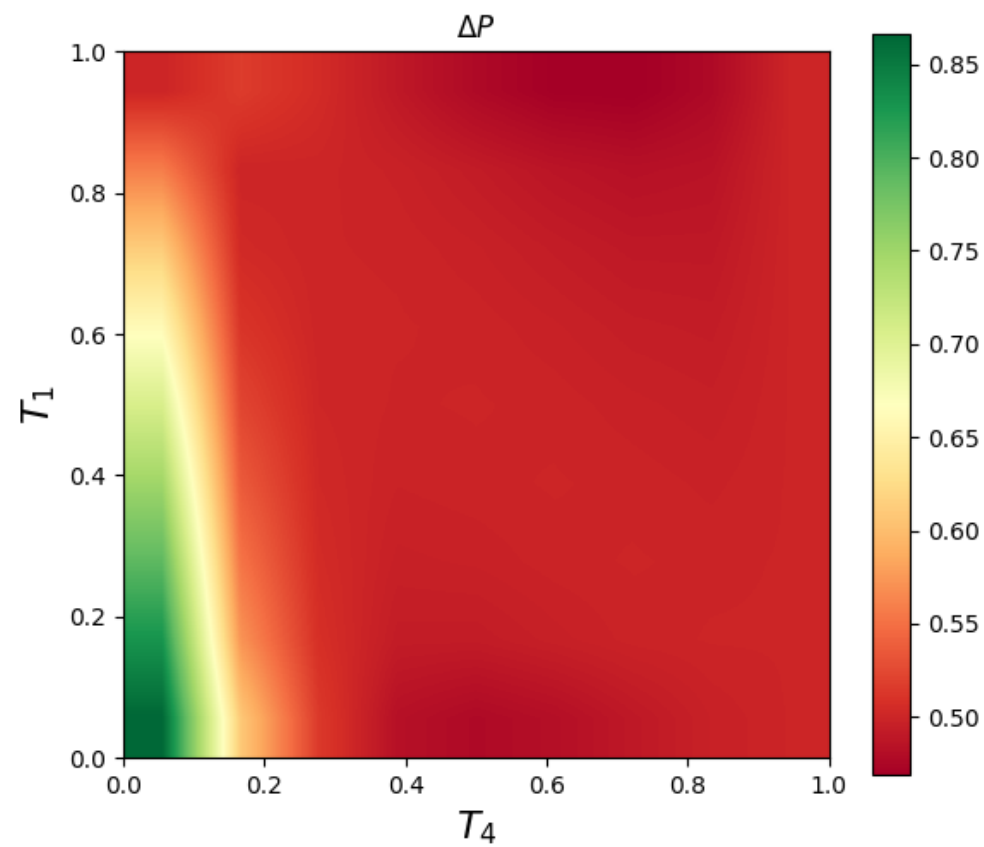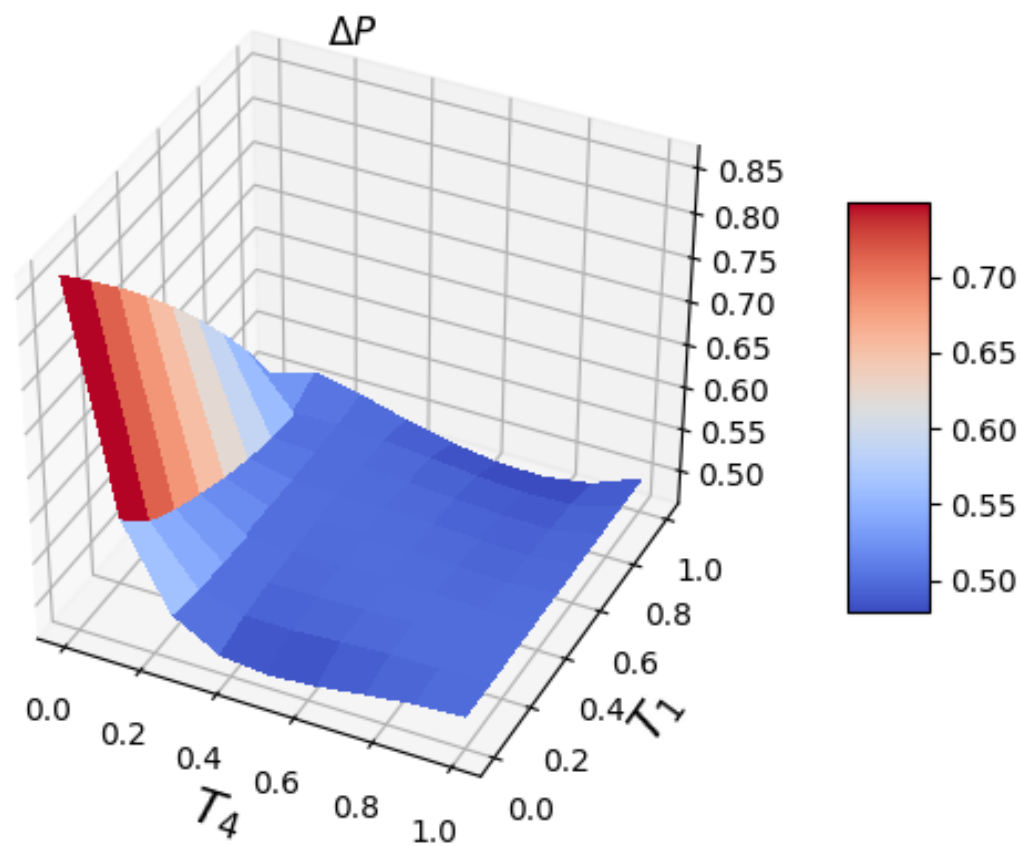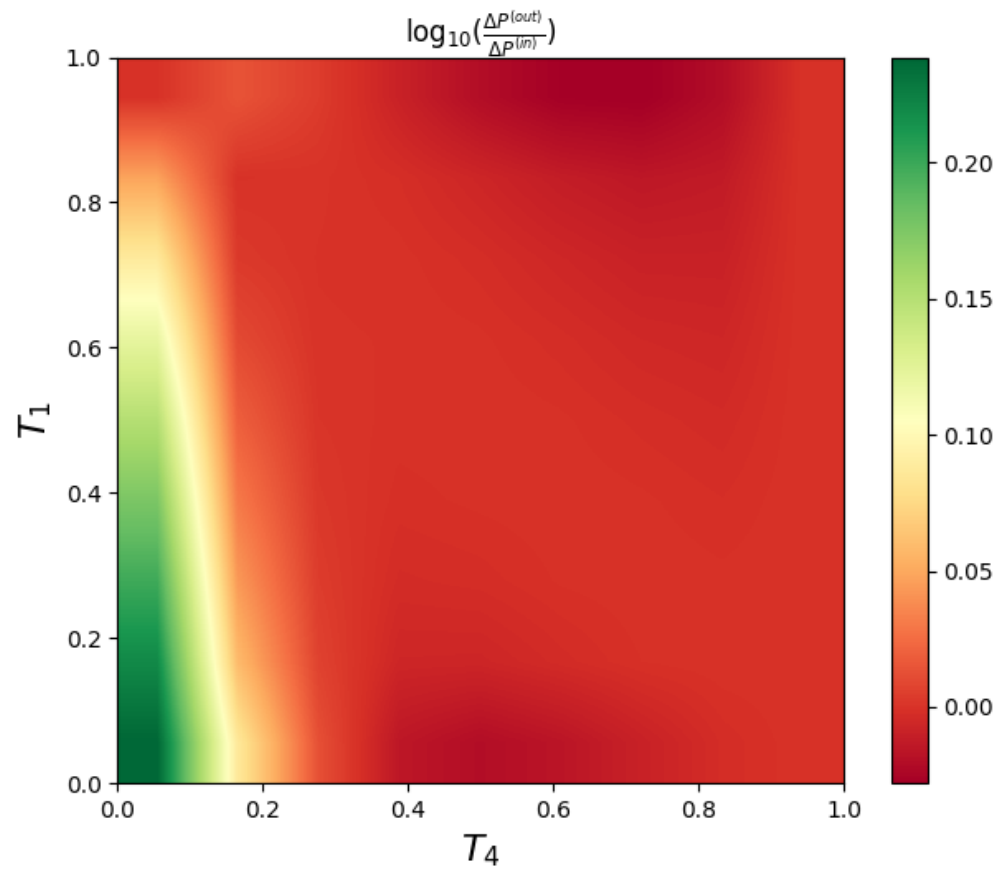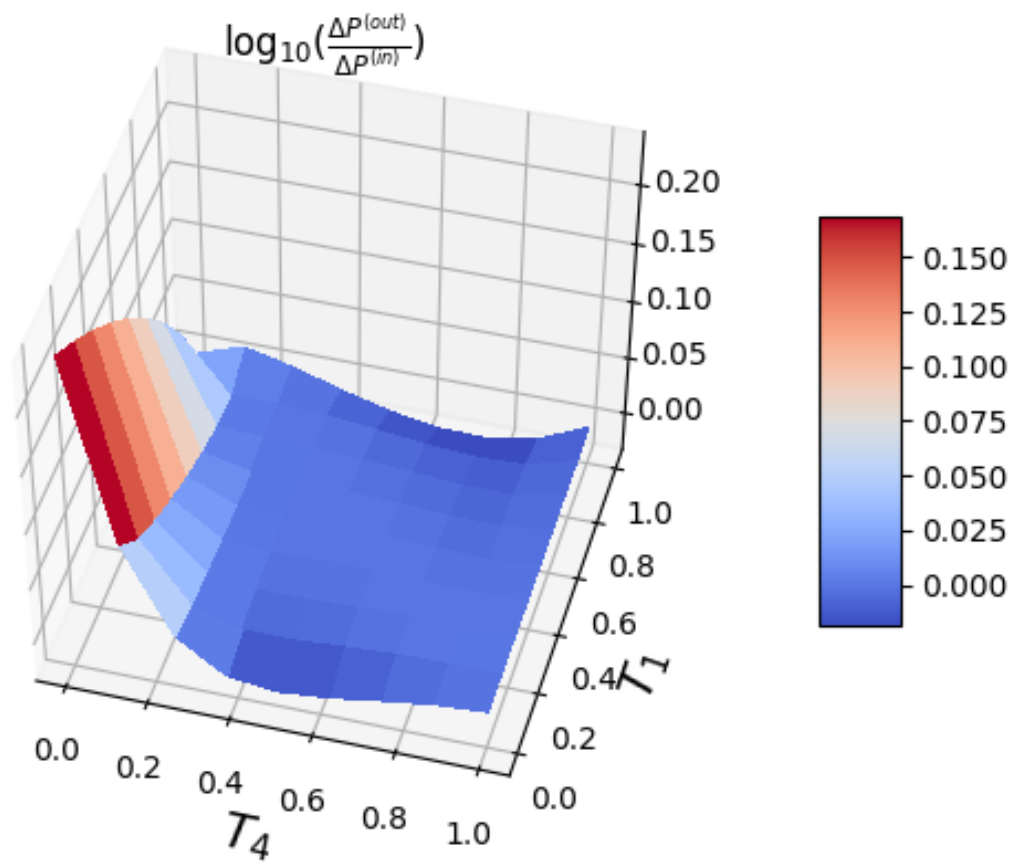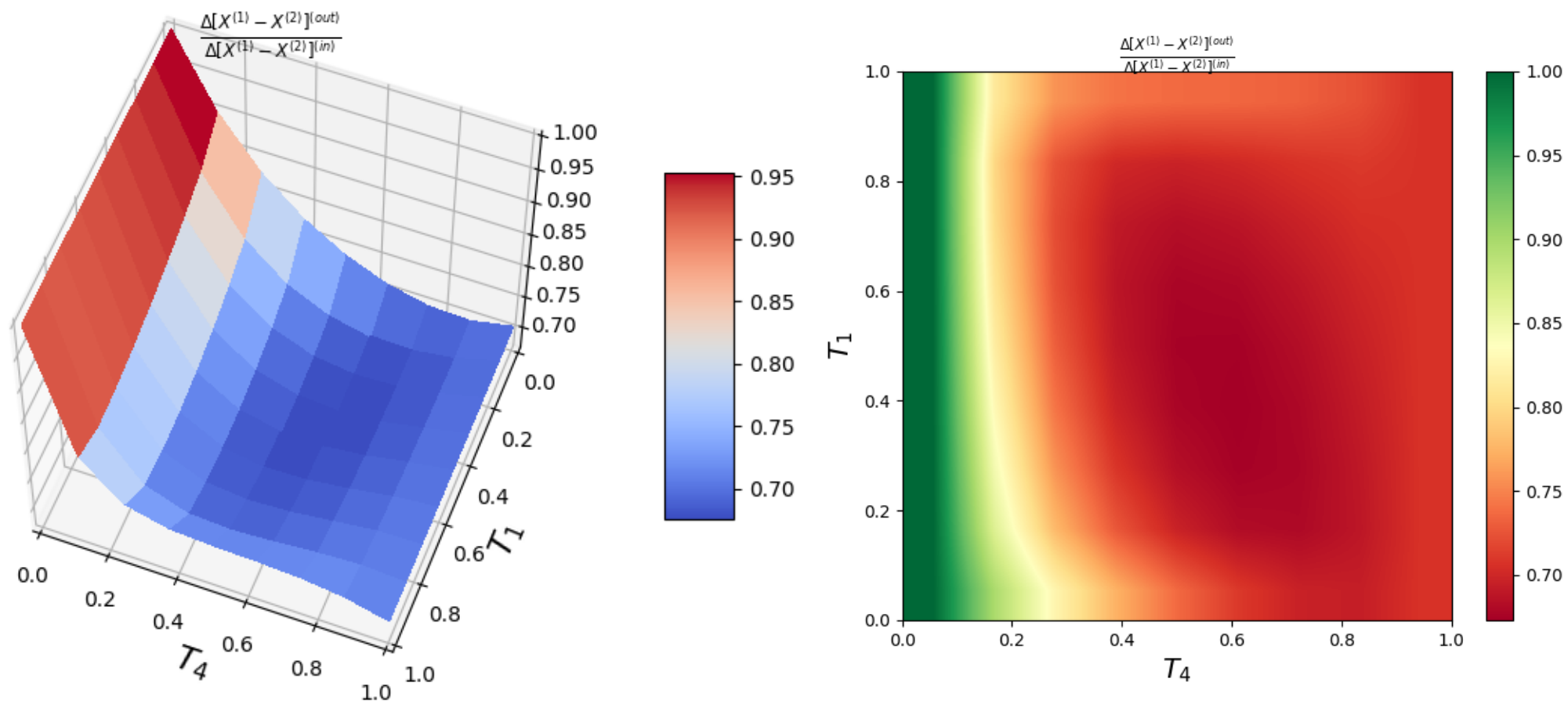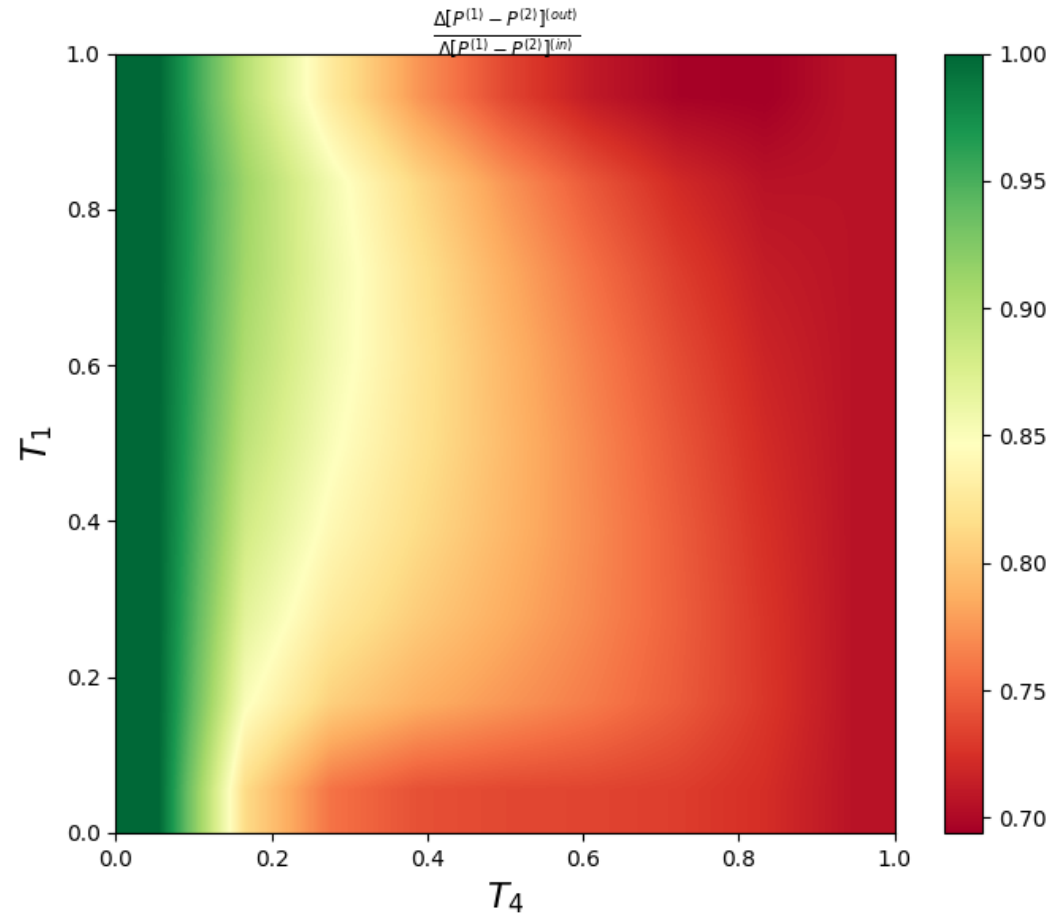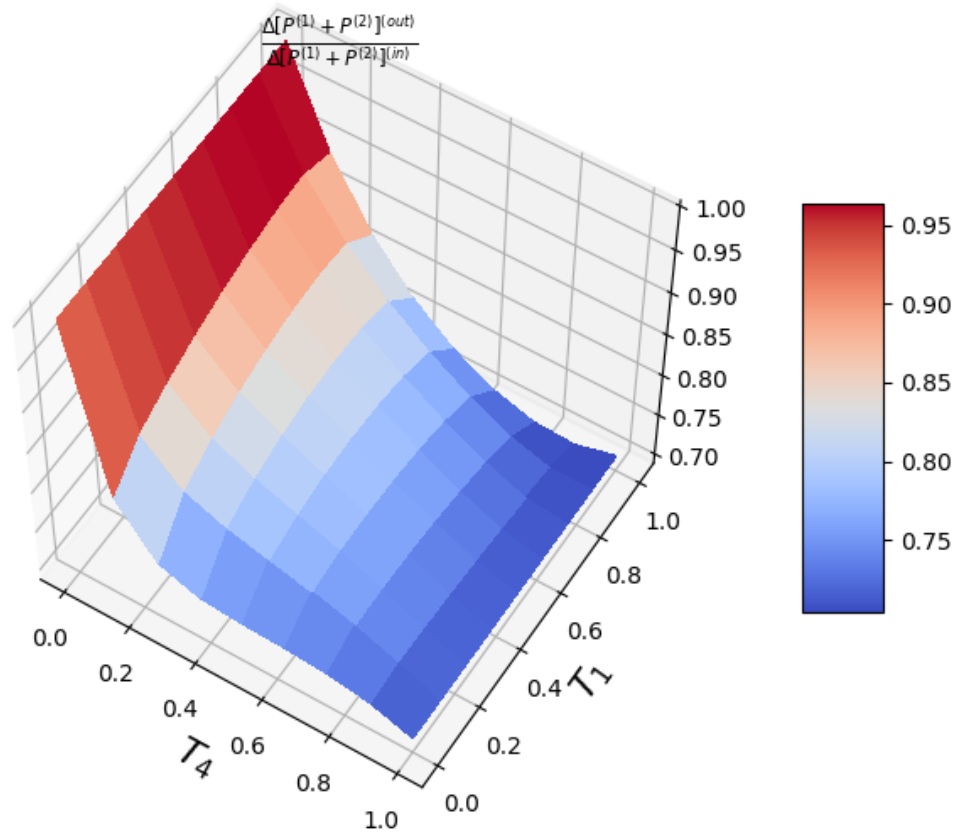
All pictures change with the phase varied.