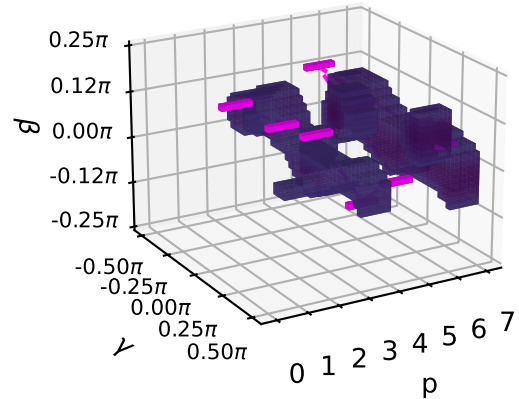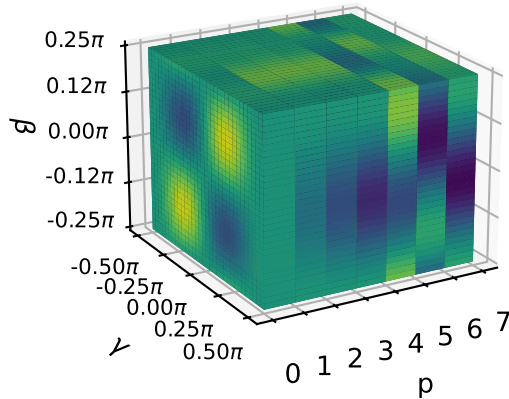# Expectation Values for QAOA with increasing p for a 16 qubit problem instance, parameters optimized using the COBYLA method

Expectation value F($|\beta,\gamma\rangle$)

Best β: [-0.5975177434489767, -0.4889442410468417, -0.37331626091500136, 0.15574712824100917, 0.010846669346131954, -0.40437148151963404, -0.12667712312862067]

Best γ: [0.3340383174103123, 0.6922329940588378, 0.8337119382546421, 1.2042868667598918, 1.3109620399177067, -1.4522141125813464, 1.0640878342804139]