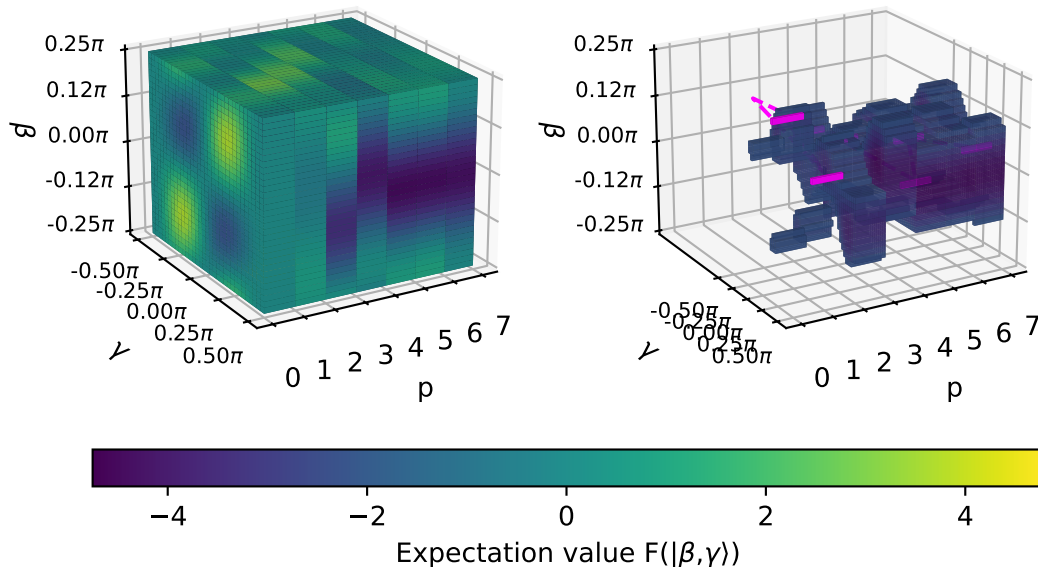# Expectation Values for QAOA with increasing p for a 10 qubit problem instance, parameters optimized using the COBYLA method

Best β: [-0.6444169707608093, -0.19527520806831908, -0.27261168033488137, -0.1596931158917565, 0.009378518818531766, -0.11989304382739341, -0.17734797238006894]

Best γ: [0.4936269205492529, 0.9001386440551453, 1.7167886285320753, -1.2779681633181232, 0.8372818355358181, -0.9684442350281831, 0.9627461357775173]