#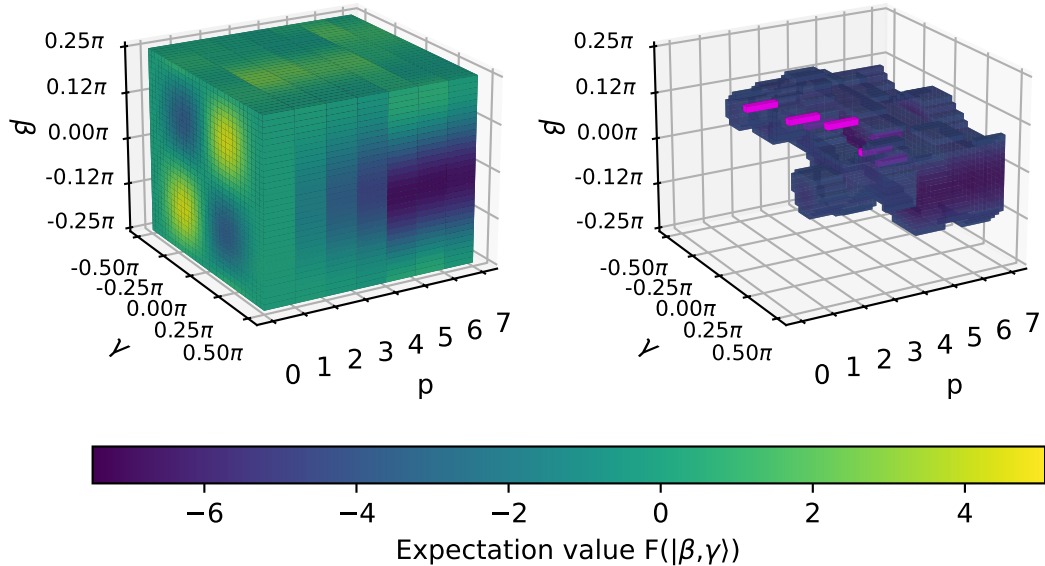 Expectation Values for QAOA with increasing p for a 14 qubit problem instance, parameters optimized using the COBYLA method

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

Best β: [-0.612978495005398, -0.5252229603439119, -0.4701692636221443, -0.2079999447523308, 0.019679016507648726, 0.1605781059152176, 0.17734797238006894] ${\bf \: \gamma}$: [0.3497864756545Ĭ3014, 0.6796072187210465, 0.7911585069681775, 0.93775715878 -1.307743736111857, -0.15076650241121958, -1.0640878342804139]