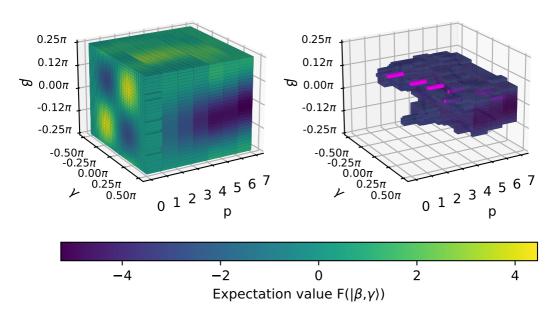
## Expectation Values for QAOA with increasing p for a 12 qubit problem instance, parameters optimized using the COBYLA method



**Best** β: [-0.5815915297735156, -0.471745017311687, -0.35929442563546893, -0.1304675193745557, -0.12220329301566171, -0.1642536263031023, -0.025335424625724134] **Best** γ: [0.3574082982514315, 0.7391772856180777, 0.8239643444749373, 0.9407509779429852, 0.3055753817446606, 1.0654235097061453, 1.0640878342804139]