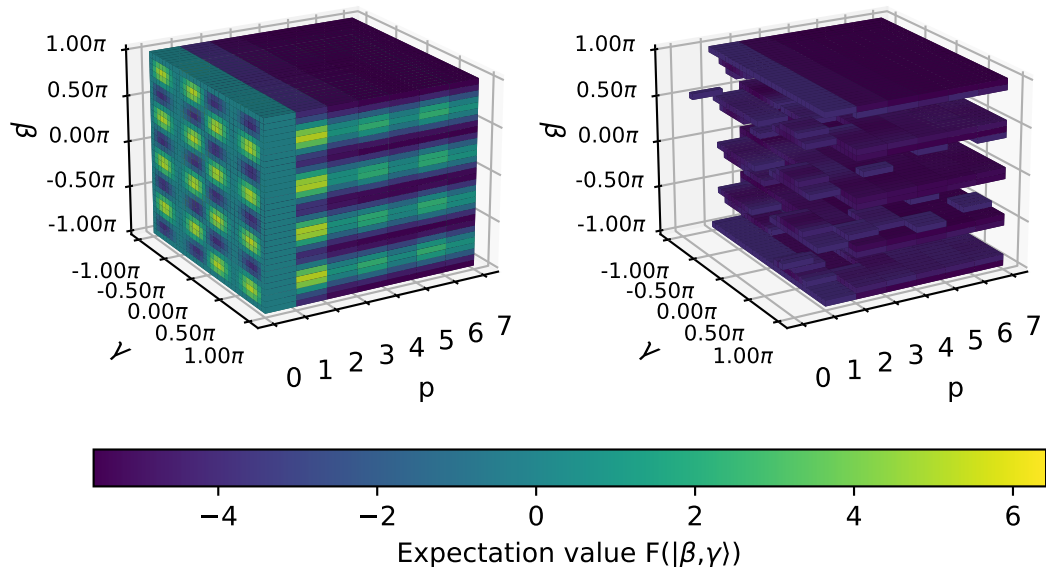


# Expectation values for QAOA with increasing p for a 16 qubit problem instance



**Best  $\beta$ :** [-1.9254922715550344, -2.938909256584, 0.10134169850289654, -1.5201254775434483, 3.141592653589793, -3.141592653589793, -3.141592653589793]  $\beta$   
**Best  $\gamma$ :** [2.533542462572414, 1.9254922715550347, -0.9120752865260688, 1.31744208053765, 1.1147586835318624, 1.1147586835318624, 1.1147586835318624]