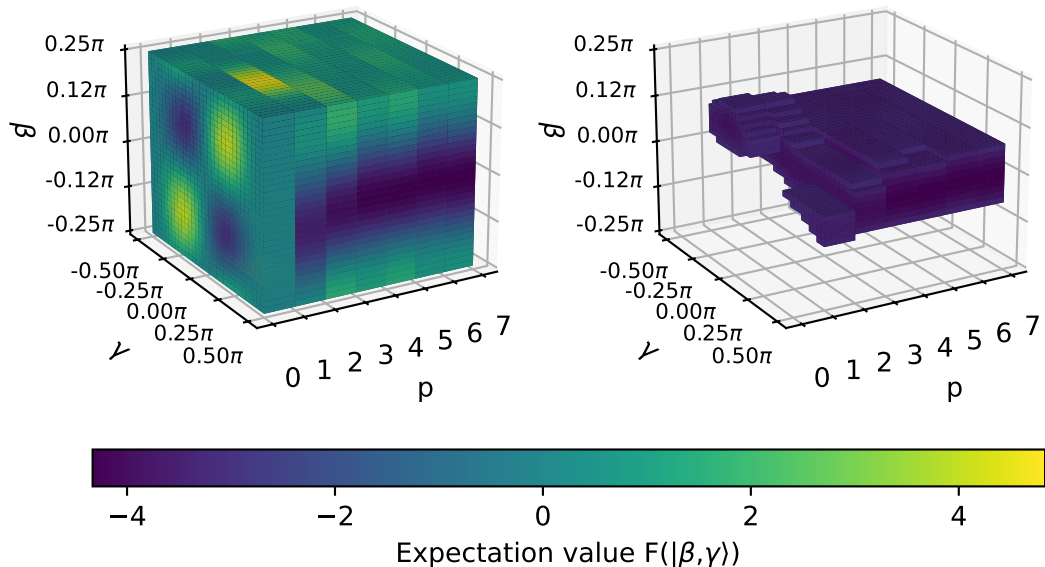


# Expectation values for QAOA with increasing p for a 12 qubit problem instance



**Best  $\beta$ :** [-0.3800313693858621, -0.2280188216315172, -0.12667712312862067, -0.025335424625724134, -0.025335424625724134, -0.025335424625724134, -0.025335424625724134, -0.025335424625724134, -0.025335424625724134, -0.025335424625724134, -0.025335424625724134, -0.025335424625724134]  
**Best  $\gamma$ :** [0.5573793417659312, 0.9627461357775173, 1.0640878342804139, -0.557379341765931, 1.469454628292, -1.0640878342804139, 1.3681129297891035]