

Ambient Hamiltonian: [[[0.01 0.] [0. -0.01]]
Control Hamiltonians:[array([[0, 1], [1, 0]])]
Detunings: [0.001, 0.01]
dt: 0.0125663706144
Probs: [0.03312125 0.01838448 0.03659442 0.03104553 0.02882237 0.00861952 0.00499248 0.01420844 0.01058158 0.00156513 0.02822267
0.02230771 0.00580054 0.02229062 0.00684201 0.00077554 0.02503623 0.03239431 0.02152334 0.01637042 0.0191236 0.0234301 0.02925999
0.00754753 0.01250623 0.02819448 0.03595406 0.01787749 0.02385149 0.02452119 0.01895927 0.01328897 0.03557551 0.00611198 0.02678953
0.01725866 0.01417127 0.01172942 0.01476027 0.00844714 0.02984216 0.02496257 0.02706189 0.03366924 0.01092421 0.0347714 0.03014276
0.01980371 0.00850656 0.02145872]
Target Operator: [[0 1] [1 0]]
Time: 1066.51336503
Controlset: [array([[0.83634635], [0.7923392], [0.97009485], [0.73346638], [0.90917424], [0.74111812], [0.74893357], [0.70481468],
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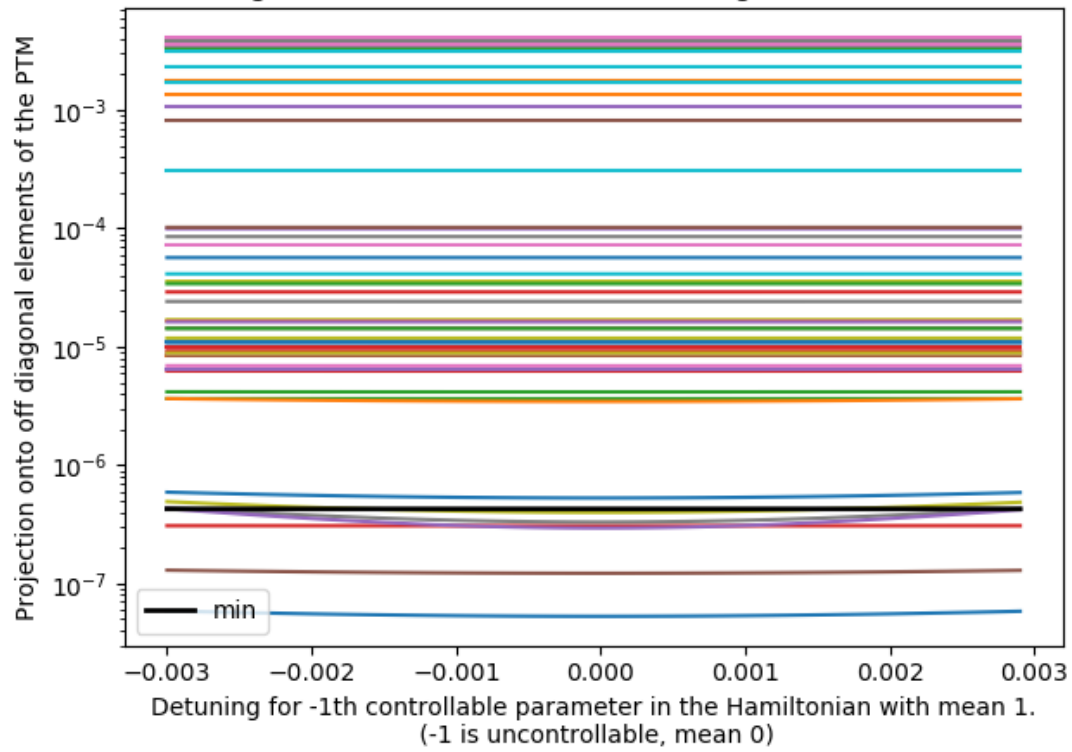
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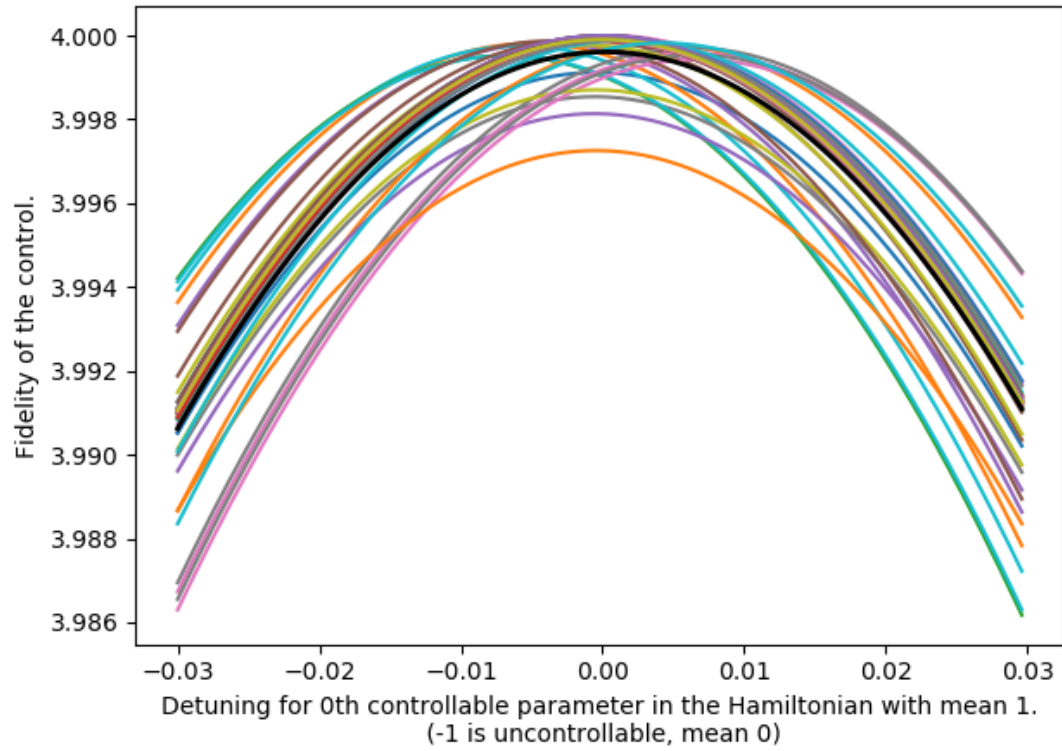
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Figure 10 is a line plot titled "Control Fidelity versus Detuning for the -1th control". The y-axis is labeled "Fidelity of the control." and ranges from 0.0005 to 0.0010. The x-axis is labeled "Detuning for -1th controllable parameter in the Hamiltonian with mean 1. (-1 is uncontrollable, mean 0)" and ranges from -0.003 to 0.003. The plot shows several horizontal lines representing different control configurations. A label "+3.999" is present in the top left corner of the plot area.

Off diagonal contribution versus detuning for the -1th control



Control Fidelity versus Detuning for the 0th control



Off diagonal contribution versus detuning for the 0th control

