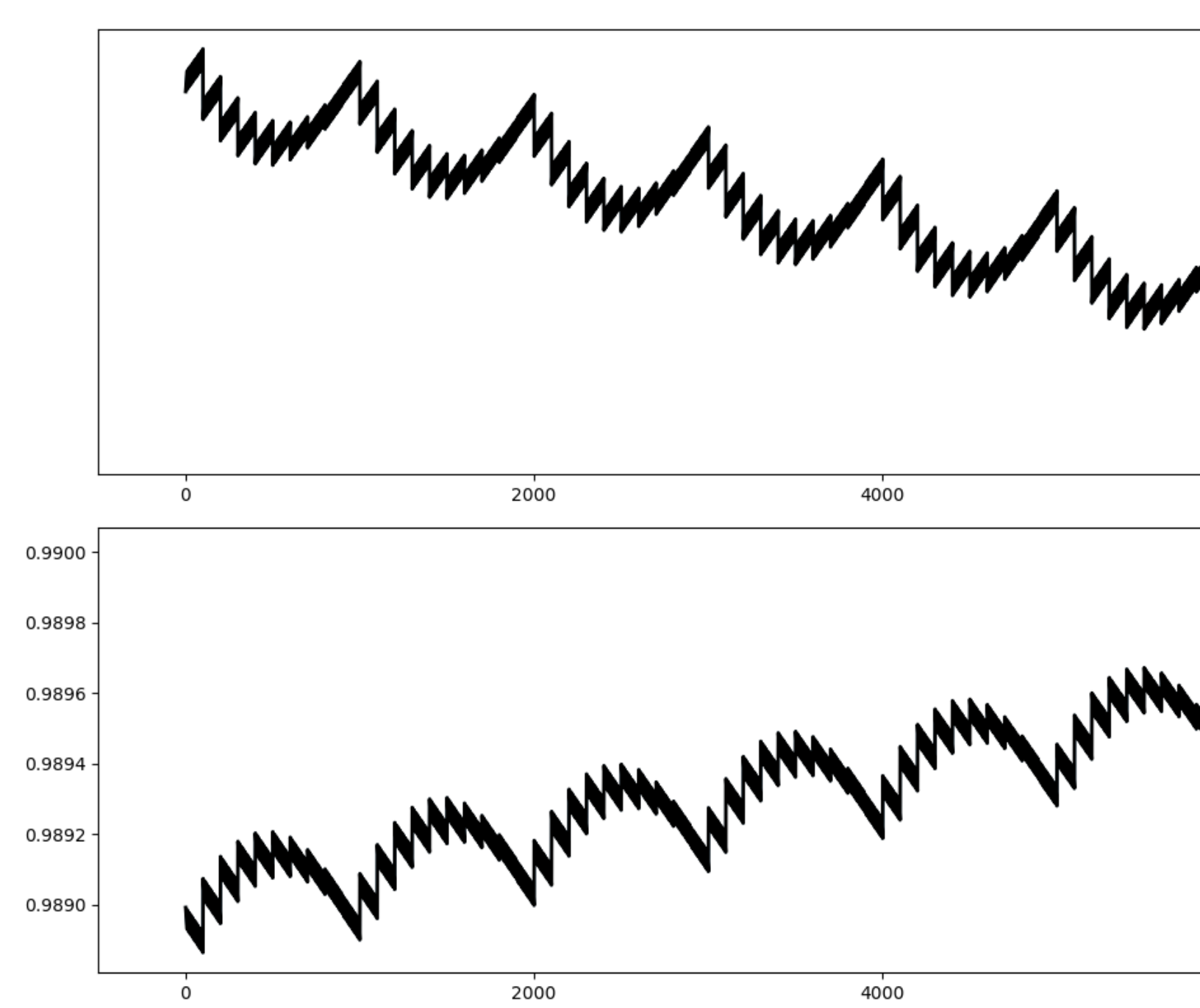
Ambient Hamiltonian: [[1 0] [0 -1]]
Control Hamiltonians:[array([[0, 1], [1, 0]]), array([[0.+0.j, 0.-1.j], [0.+1.j, 0.+0.j]]), array([[1, 0], [0, -1]])]
Detunings: [0.001, 0.001, 0.001, 0.001]
dt: 0.125663706144
Probs: [1.]
Target Operator: [[0 1] [1 0]]
Time: 5.37223911285
Controlset: [array([[0.70632232, -0.03809112, 0.10493314], [0.63018367, 0.10233421, -0.05692384], [0.661526 , -0.00414579, -0.04961983], [0.78102236, -0.03262928, 0.06260574], [0.62191342, -0.02904465, 0.07335479], [0.56657401, 0.12354415, 0.10093015], [0.77627521, 0.01241071, -0.07934662], [0.7961406 , 0.00424334, 0.06049173], [0.5915379 , -0.03937652, 0.10706888], [0.61565106, 0.10133654, 0.03363359], [0.71758031, 0.11591578, -0.08403868], [0.60486508, -0.02774547, -0.05131848], [0.64058754, 0.01154437, 0.10134944], [0.62177454, 0.00587047 -0.06658417], [0.73325049, 0.00190145, -0.04272458], [0.90324118, 0.0759291 , -0.06746075], [0.74018324, -0.01508013, 0.03804081], [0.74965076, 0.02196144, -0.04591617], [0.75094495, -0.00301857, -0.00290854], [0.74630262, -0.08879731, -0.05193963], [0.67444056, - 0.08111951, 0.03194128], [0.69906798, -0.04454306, -0.00504798], [0.73438857, 0.04896799, 0.08894455], [0.71438671, -0.06152548, 0.00553765 [0.81190034, 0.01177685, 0.00636737], [0.7787008 , 0.03023102, 0.01403496], [0.90656878, -0.1221045 , -0.00435753], [0.94127148, 0.02273744, 0.09472401], [0.77832395, 0.0146806 , -0.05200703], [0.72563153, -0.08423143, 0.00315435], [0.80850499, -0.06314323, 0.04633342], [0.72835048, 0.06042271, 0.0400363], [0.77649063, -0.04705185, 0.01728907], [0.65420614, -0.08399177, 0.11255151], [0.67226156, 0.09139314, 0.05487841], [0.72975677, 0.04293974, -0.06875819], [0.83814015, 0.03842002, 0.00304929], [0.69306521, -0.01272767, -0.01520798], [0.80797238, -0.06930958, -0.08370485], [0.86597796, -0.02206621, 0.05685763], [0.74580341, -0.01797858, -0.06977057], [0.66635975, -0.03532712, 0.01690537], [0.76387711, -0.06428602, -0.00978651], [0.88879048, 0.01671278, -0.07907142], [0.76689687, -0.01435058, 0.00799817], [1.05291192, 0.01341263, 0.04266432], [0.83978948, -0.02472612, 0.00862172], [0.87149569, -0.02797163, -0.02753329], [0.80454092, -0.06072192, 0.07179983], [0.81522411, -0.05868654, -0.04330628]])]


0
2000
4000

0.9900
0.9898
0.9896
0.9894
0.9892
0.9890
0
2000
4000