Ambient Hamiltonian: [[0.1 0.] [0. -0.1]]
Control Hamiltonians:[array([[0, 1], [1, 0]]), array([[1, 0], [0, -1]]), array([[0.+0.j, 0.-1.j], [0.+1.j, 0.+0.j]])]
Detunings: [0.001, 0.01, 0.01, 0.01]
dt: 0.0125663706144
Probs: [1.]
Target Operator: [[0 1] [1 0]]
Time: 99.2272658348
Controlset: [array([[-0.07778553, 0.04884888, 0.17127761], [-0.20686142, -0.019441 , 0.08963512], [-0.06558479, -0.05373409, 0.06976451],
..., [-0.41486026, 0.02135664, -0.35999514], [-0.32168271, -0.05463208, -0.22222972], [-0.32821995, 0.0785511 , -0.23984825]])]