

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, 0.001, 0.001, 0.001]
dt: 0.125663706144
Probs: [0.34705097 0.11284269 0.23929045 0.19387268 0.10694321]
Target Operator: [[0 1] [1 0]]
Time: 125.419482946

Controlset: [array([[0.70632236, -0.03809112, 0.10493314], [0.6301837 , 0.10233421, -0.05692384], [0.66152604, -0.00414579, -0.04961983], [0.78102239, -0.03262928, 0.06260574], [0.62191345, -0.02904465, 0.07335479], [0.56657404, 0.12354415, 0.10093015], [0.77627525, 0.0124107 , -0.07934662], [0.79614064, 0.00424334, 0.06049173], [0.59153794, -0.03937652, 0.10706888], [0.61565109, 0.10133653, 0.03363358], [0.71758035, 0.11591578, -0.08403868], [0.60486512, -0.02774547, -0.05131848], [0.64058758, 0.01154436, 0.10134944], [0.62177458, 0.00587047, -0.06658418], [0.73325052, 0.00190145, -0.04272458], [0.90324123, 0.0759291 , -0.06746075], [0.74018329, -0.01508013, 0.0380408 , 0.7496508 , 0.02196144, -0.04591617], [0.75094499, -0.00301857, -0.00290854], [0.74630266, -0.08879732, -0.05193963], [0.6744406 , -0.08111952, 0.03194128], [0.69906802, -0.04454307, -0.00504798], [0.73438861, 0.04896799, 0.08894455], [0.71438675, -0.06152548, 0.00553765], [0.81190038, 0.01177685, 0.00636737], 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