

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]
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Target Operator: [[0 1] [1 0]]
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