

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: [ 0.19001918 0.06860515 0.11460239 0.11339961 0.00461121 0.11511914 0.11383289 0.14302072 0.1117358 0.0250539 ]  
Target Operator: [[0 1] [1 0]]  
Time: 187.26427412  
Controlset: [array([[ 0.7063317 , -0.03813049, 0.10493348], [ 0.63019281, 0.10229831, -0.05692366], [ 0.6615392 , -0.00417719, -0.04961876], [ 0.78103309, -0.0326629 , 0.06260634], [ 0.62192502, -0.02907833, 0.07335581], [ 0.56659259, 0.12351681, 0.10093174], [ 0.77628669, 0.01238668, -0.07934582], [ 0.79614593, 0.0042188 , 0.06049161], [ 0.5915466 , -0.03940718, 0.10706927], [ 0.61565772, 0.10131452, 0.03363357], [ 0.71758033, 0.11590069, -0.08403925], [ 0.60487552, -0.02776085, -0.0513183 ], [ 0.64059455, 0.01153021, 0.10134932], [ 0.62178956, 0.00585788, -0.06658353], [ 0.73326092, 0.00189024, -0.04272433], [ 0.90324361, 0.07592335, -0.06746097], [ 0.74019928, -0.01508482, 0.03804113], [ 0.74967051, 0.02195912, -0.04591578], [ 0.75096322, -0.00301985, -0.00290826], [ 0.74633343, -0.08880157, -0.05193859], [ 0.67447311, 0.08112491, 0.03194291], [ 0.69909657, -0.04454744, -0.0050463 ], [ 0.73441491, 0.04896651, 0.0889454 ], [ 0.71442694, -0.06152732, 0.0055392 ], [ 0.81193117, 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