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: [0.063925 0.06510732 0.07726335 0.01024392 0.03499206 0.04660488 0.07111034 0.01972994 0.03704038 0.04703467 0.0654801 0.07169169 0.08714825 0.00713829 0.06120024 0.07278859 0.05454179 0.0013387 0.06765147 0.03796902]

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

Time: 857.903992891

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, 0.01177572, 0.00636813], 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