Ambient Hamiltonian: [[0.001 0.] [0. -0.001]]

Control Hamiltonians:[array([[0, 1], [1, 0]])]

Detunings: [0.01, 0.01]

dt: 2.19911485751

Probs: [0.07823938 0.08533414 0.03029501 0.08138132 0.07987937 0.08883308 0.01046099 0.05289883 0.06986051 0.06451019 0.07374075 0.00172877 0.08416187 0.01452214 0.00243845 0.08702471 0.01643266 0.07417424 0.00109114 0.00299257]

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

Time: 9.5478079319

Controlset: [array([[0.43067663], [-0.92443112], [1.], [0.36262491], [0.60747891], [-0.64985174], [-1.], [-0.35666824], [-0.73153889], [0.54743754]]), array([[-0.70887507], [0.58629179], [-0.14532048], [-1.], [0.40362241], [-0.90216248], [0.81206197], [0.95734939], [0.79542667], [-0.08411201]]), array([[-0.85665975], [0.87863041], [-0.21850937], [0.46689393], [-0.43408328], [-1.], [0.78672574], [0.83008065], [0.26273775], [-0.00176214]]), array([[0.88502166], [0.86901047], [-1.], [-0.84418327], [-0.62966075], [-0.68129051], [0.55169526], [-0.17985394], [0.92536107], [-0.61038917]]), array([[-0.34082519], [-0.91636973], [0.39590122], [-0.32556373], [-0.59387361], [1.], [0.71978477], [-0.91864946], [-0.9918443], [-0.1714214]]), array([[0.16972649], [-0.44906042], [-0.2916799], [-0.51216449], [0.07129287], [0.10147776], [0.01307019], [-0.34639631], [-0.49330442], [-0.40581119]]), array([[1.], [-1.], [0.18441328], [-0.63709643], [-0.35947751], [-0.07603495], [-0.51414139], [1.], [0.3090535], [-0.62099779]]), array([[-0.56213741], [0.27529937], [0.73359421], [0.0083067], [-0.14444703], [-0.22171521], [0.74040503], [0.00364665], [0.78367128], [-0.90220704]]), array([[-0.15327832], [1.], [0.54841567], [0.82986701], [-0.47139147], [0.38957958], [-0.71368778], [-0.10798789], [-0.5311378], [-0.07554004]]), array([[0.6181951], [-0.33278573], [0.25106647], [-0.119326], [0.72716066], [0.35076595], [0.3161509], [-0.25913184], [0.04606443], [-0.8833489]]), array([[-0.75180812], [0.90278604], [-0.79432798], [0.9183934], [0.49361747], [0.30420135], [0.56953427], [-0.65707659], [0.64718537], [0.51035043]]), array([[0.08389122], [-0.00329674], [0.01575701], [-0.0056473], [0.5925467], [-0.4535997], [-0.92293481], [0.97198576], [-0.04846871], [0.4840456]]), array([[0.57117538], [0.28166589], [-0.51754725], [-0.27735636], [0.09288157], [0.29181519], [0.84756155], [-0.15014104], [0.00772739], [0.99346807]]), array([[0.8559349], [-0.82931343], [-0.81453866], [0.68119815], [0.2835384], [0.60470748], [0.55646083], [0.66478354], [-1.], [-0.28848884]]), array([[0.38723519], [-0.9867505], [-0.04311527], [-0.18664388], [-0.37746046], [-0.44157718], [0.85188319], [-0.65933678], [-0.20846406], [-0.47861551]]), array([[0.97909573], [-0.90210204], [-0.02052815], [-0.28530477], [0.45775166], [0.45032554], [0.43011563], [0.84908561], [0.95597549], [-0.77155882]]), array([[-0.15474402], [-1.], [0.62745726], [0.57956039], [-0.07694457], [-1.], [-0.03495508], [0.52566615], [-1.], [-0.60888746]]), array([[0.17571925], [0.48758377], [-0.1561166], [-0.97258408], [-0.33404632], [0.67336604], [-0.85923442], [-0.84568978], [0.48969352], [-0.80152654]]), array([[-0.96446437], [-0.56610299], [-0.50236369], [-0.59553313], [0.24213005], [-0.67148669], [-1.], [-1.], [-0.64228211], [-0.72806884]]), array([[0.56669729], [0.11863053], [-0.48849731], [1.], [-0.2597371], [0.7464907], [-0.49031108], [-0.4562992], [0.88619215], [-0.90888425]])]