Hamza El-Kebir | Finite horizon LQG response with $J(k) = 0.9^k J$ | Ex. 9.5.4 100 X_2 Response and input (x_i, y_i, u_i) *X*₃ 50 -50 -100 -150-200 0.0 0.5 1.0 2.0 Time (t)

20

Sampling time (k)

30

40

50

10