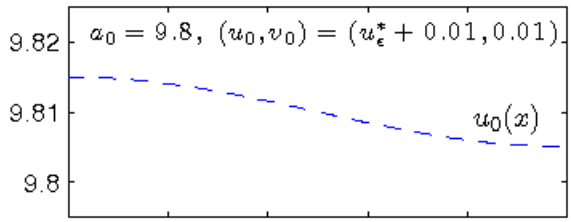
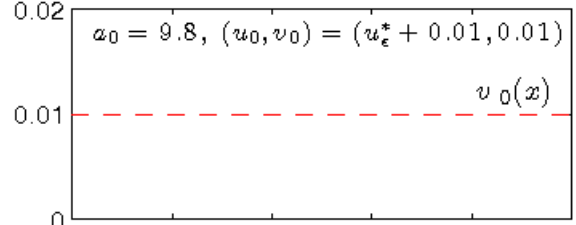
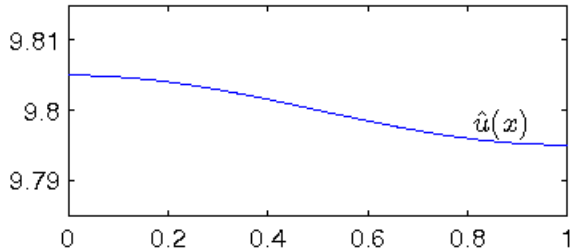
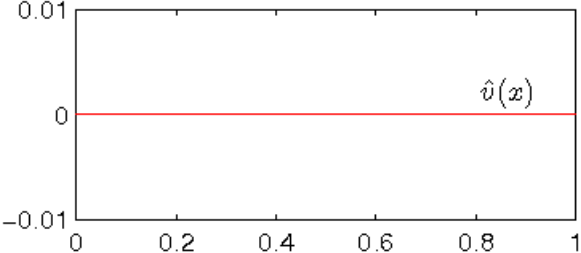

$a_0 = 9.8,\ (u_0, v_0) = (u_\epsilon^* + 0.01, 0.01)$
$u_0(x)$
9.82
9.81
9.8


$a_0 = 9.8,\ (u_0, v_0) = (u_\epsilon^* + 0.01, 0.01)$
$v_0(x)$
0.02
0.01
0


$\hat{u}(x)$
9.81
9.8
9.79
0
0.2
0.4
0.6
0.8
1


$\hat{v}(x)$
0.01
0
−0.01
0
0.2
0.4
0.6
0.8
1