Sol. numérica (x(t),y(t)) de $\hat{X}(t) = A_1(t)\hat{X}(t) + B_1u(t) + L(y(t) - C\hat{X}(t))$, para $t \in (0,10)$, u = u4, $L = L_1 lqr$ $(x(t), y(t)); u = u4; X_0 = (0, 10, 0, 10)$ - (x(t), y(t)); u = u4; $X_0 = (0.0, 0.0, 0.0, 10.0)$ $(x(t), y(t)); u = u4; X_0 = (0, 10, 0, 10)$ $- \cdot - (x(t), y(t)); u = u4; X_0 = (0.0, 1.0, 0.0, 1.0)$ $(x(t), y(t)); u = u4; X_0 = (0, 10, 0, 10)$ $- \cdot - (x(t), y(t)); u = u4; X_0 = (0.0, 10.0, 0.0, -5.0)$

10

-5

-10

2

-2

-6

-8

-15