6.1.7

$\dot{x} = x$

$\dot{y} = x + y$

$A = \begin{pmatrix} 1 & 0 \\ 1 & 1 \end{pmatrix}$

$\tau = a + d = 2.$

$\Delta = 1 \sim 0 = 1$

$\tau^2 - 4\Delta = 0.$

$\lambda_{1,2} = \dfrac{2}{2} = 1$.