6.3.3. $\dot{x} = 1 + y - e^{-x}$, $\dot{y} = x^3 - y$

$\dot{x} = 1 + y - e^{-x} = 0$.

$\dot{y} = x^3 - y = 0$

$\therefore y = x = 0$.

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

$$A = \begin{pmatrix} 1 & 1 \\ 0 & 1 \end{pmatrix} \quad \tau = 2 \quad \Delta = 1$$

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