To hear and view this Pencast PDF on your computer, click here to get the latest version of Adobe[®] Reader.[®]

$$\dot{x} = A x + B u$$

$$\dot{y} = C x + d u$$

$$\dot{A} = \begin{bmatrix} -6 & -5 \\ 0 \end{bmatrix} B = \begin{bmatrix} 0 \end{bmatrix}$$

$$\dot{y} = \begin{bmatrix} 3 \\ 1 \end{bmatrix} A = \begin{bmatrix} -5 \\ 0 \end{bmatrix} A = \begin{bmatrix} -6 \\ 0 \end{bmatrix}$$

$$AB = \begin{bmatrix} -6 \\ -5 \end{bmatrix} \begin{bmatrix} 0 \\ 0 \end{bmatrix}$$

$$AB = \begin{bmatrix} -6 \\ -5 \end{bmatrix} \begin{bmatrix} 0 \\ 0 \end{bmatrix}$$

$$AB = \begin{bmatrix} -6 \\ -5 \end{bmatrix} \begin{bmatrix} 0 \\ 0 \end{bmatrix}$$

$$AB = \begin{bmatrix} -6 \\ -5 \end{bmatrix} \begin{bmatrix} 0 \\ 0 \end{bmatrix}$$

$$AB = \begin{bmatrix} -6 \\ -5 \end{bmatrix} \begin{bmatrix} 0 \\ 0 \end{bmatrix}$$

To hear and view this Pencast PDF on your computer, <u>click here</u> to get the latest version of Adobe® Reader.®

Vs diagonalization to