1) 
$$\bar{x} = A\bar{a} - \bar{b} = 0$$

$$\bar{y} = C\bar{z} + \bar{z} = 0$$

$$\bar{\Gamma}_{x} = A\bar{\Gamma}_{x} + \bar{\Gamma}_{y} = A\bar{\Lambda}_{x} + \bar{\Gamma}_{y}$$

$$\bar{\Gamma}_{y} = C\bar{\Gamma}_{x} C^{2} + \bar{\Gamma}_{z} = C(A\bar{\Lambda}_{x} + \bar{I})C^{2} + \bar{I}$$

$$2) v = \begin{bmatrix} x \\ y \end{bmatrix} \qquad E(n) = \begin{bmatrix} \bar{x} \\ \bar{y} \end{bmatrix} = \begin{bmatrix} 0 \\ 0 \end{bmatrix}$$

$$\bar{\Gamma}_{x} = \begin{bmatrix} \bar{x} \\ \bar{y} \end{bmatrix} = \begin{bmatrix} \bar{x} \\ \bar{y} \end{bmatrix}$$

$$\bar{\Gamma}_{x} = \begin{bmatrix} \bar{x} \\ \bar{y} \end{bmatrix} = \begin{bmatrix} \bar{x} \\ \bar{y} \end{bmatrix} = \begin{bmatrix} \bar{x} \\ \bar{y} \end{bmatrix} = \begin{bmatrix} \bar{x} \\ \bar{y} \end{bmatrix}$$

$$\bar{\Gamma}_{x} = \begin{bmatrix} \bar{x} \\ \bar{y} \end{bmatrix} = \begin{bmatrix} \bar{x} \\ \bar{x} \end{bmatrix} = \begin{bmatrix} \bar{x$$

