1) For all x 6 X : f(f (y)) = y

$$I_{x}: x \to x \implies I_{x}(a) = a$$

$$I = \begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix} \quad \forall = \begin{bmatrix} 2 \\ 5 \end{bmatrix}$$

$$I_{x} = \begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix} \quad \begin{bmatrix} 2 \\ 5 \end{bmatrix} = 2 \begin{bmatrix} 1 \\ 0 \end{bmatrix} + \begin{bmatrix} 0 \\ 5 \end{bmatrix}$$

$$= \begin{bmatrix} 0 \\ 5 \end{bmatrix} + \begin{bmatrix} 0 \\ 5 \end{bmatrix} \begin{bmatrix} 0 \\ 5 \end{bmatrix} \begin{bmatrix} 0 \\ 5 \end{bmatrix}$$

ntity function
$$I_{\mathbf{x}}$$
 is defined as: $I_{\mathbf{x}}(\mathbf{q}) = \mathbf{q}$ for $\mathbf{q}(\mathbf{q}) \in X$



$$I(u+v) = I(u)+I(v)$$

$$I(cv) = (I(u)=cu)$$



Linear function
$$\{\mathcal{L}(\lambda) : 2 \times 13\}$$

$$f_{\text{full}} \text{ like two raw}$$

$$j = 2x + 3$$

$$j = 3 \times 14$$

$$x = \frac{y - 3}{2}$$
The inverse function
$$f^{-1}(y) = y - 3$$

$$f^{-1}(y) = y - 3$$

$$= \lambda$$

$$= \lambda - 24.2$$

$$0) \text{ if } \{L_1(\lambda)\} = \left\{\left(\frac{S}{A-2}\right) = S\left(\frac{S}{A-2}\right) + 3$$

$$f_{-1}\left(\frac{\zeta}{\zeta} \times \frac{1}{\zeta}\right) = \int_{-1}^{\zeta} \left(\frac{\zeta}{\zeta} \times \frac{1}{\zeta}\right) d\zeta$$