

$$f: \mathbb{R}^{n} \to \mathbb{R}^{m}$$

$$f(x) = Ax \qquad I(a)$$

$$f(x) = T_{m}x \qquad : \mathbb{R}^{n} \to \mathbb{R}^{n}$$

$$f(x) = \log x = \log x$$

$$f(x$$