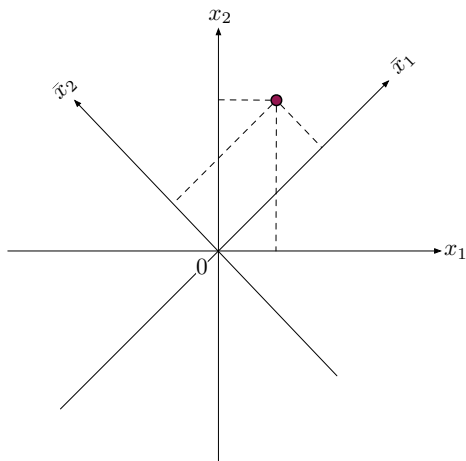


Coordinate Transformations



$$x \mapsto \bar{x} = Tx,$$

$$x = T^{-1}\bar{x}$$

$$T \in \mathbb{R}^{n \times n} \text{ nonsingular}$$

(go back and forth between the coordinate systems)