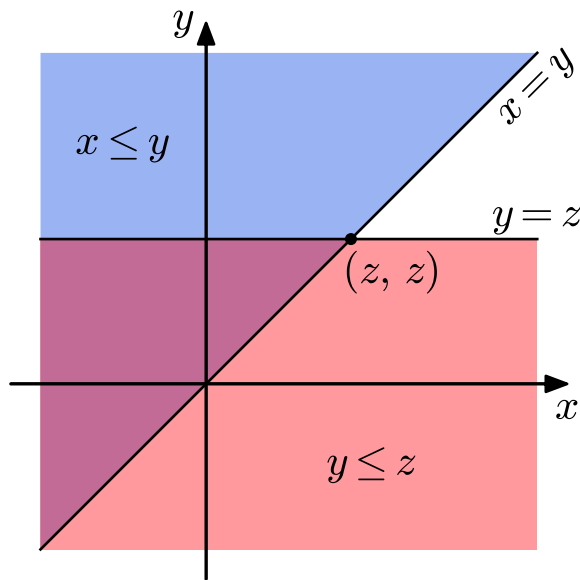
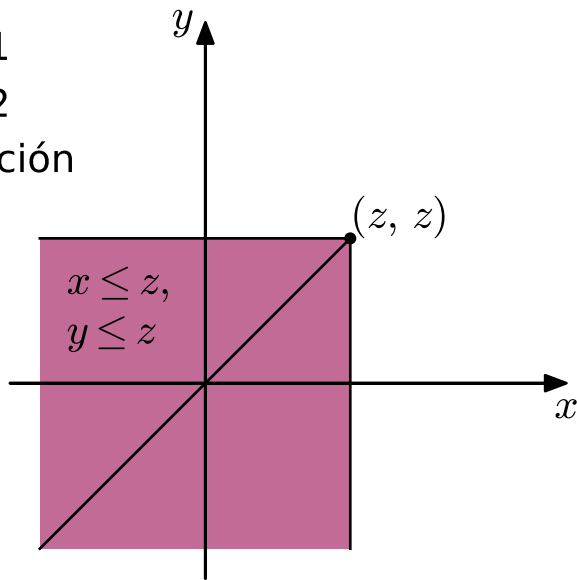


$$P\{\mathbf{x} \leq z, \mathbf{x} > \mathbf{y}\}$$



$$P\{\mathbf{y} \leq z, \mathbf{x} \leq \mathbf{y}\}$$

- Región 1
- Región 2
- Intersección



$$P\{(\mathbf{x} \leq z, \mathbf{x} > \mathbf{y}) \cup (\mathbf{y} \leq z, \mathbf{x} \leq \mathbf{y})\} = P\{\mathbf{x} \leq z, \mathbf{y} \leq z\}$$