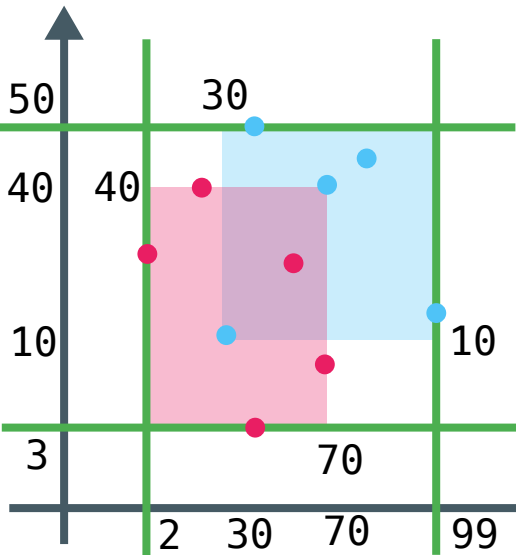


Concrete domain



Abstract domain

$$\alpha \rightarrow \begin{cases} [2, 70] \times [3, 40] \\ [30, 99] \times [10, 50] \end{cases}$$

$$\gamma \leftarrow \begin{cases} [2, 99] \times [3, 50] \\ \text{union of intervals} \end{cases}$$