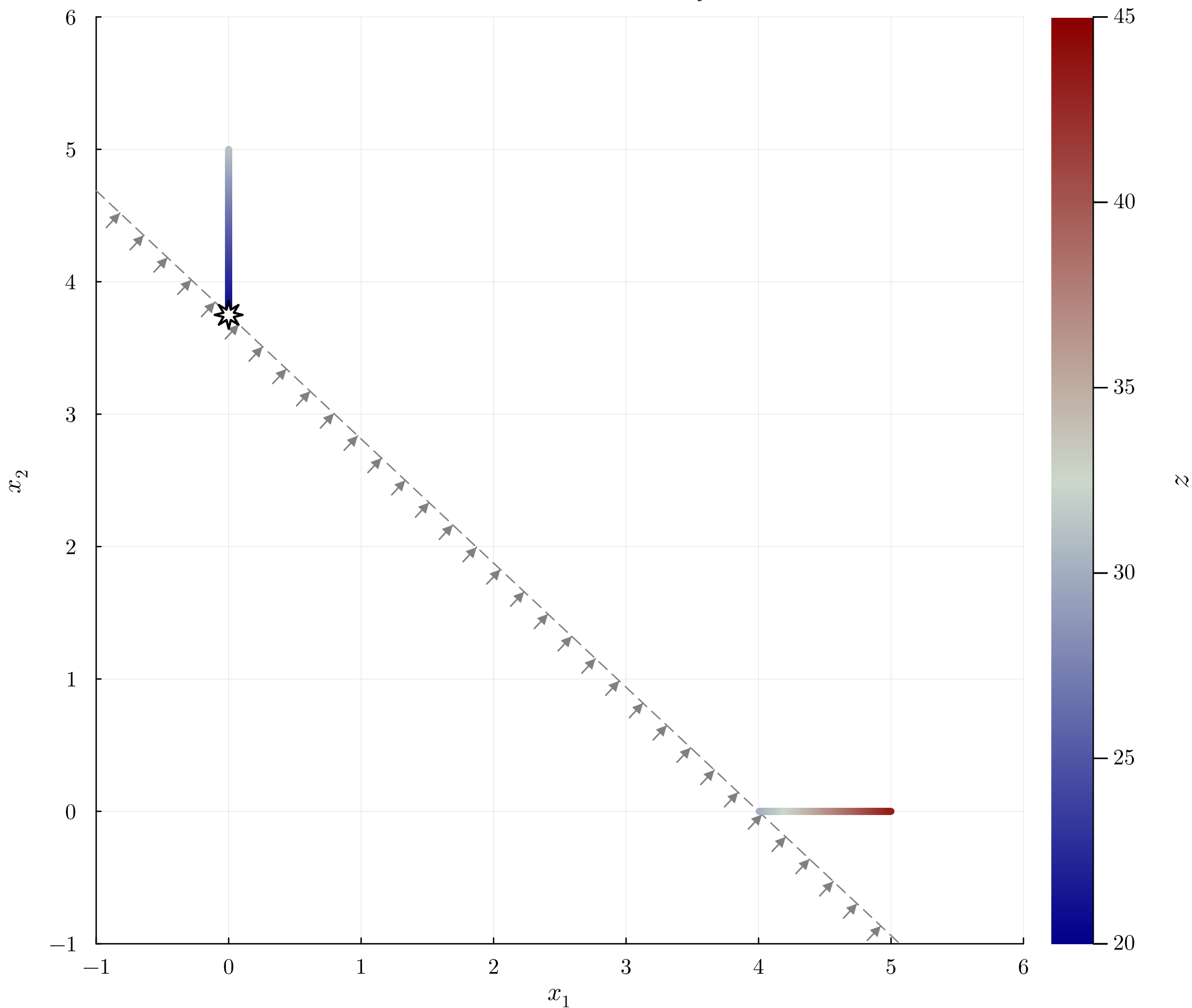


Feasible Region \diamond Optimal Solution

$$\min z = \mathbf{x}' \text{diag}(\mathbf{c}_x) \mathbf{x} + \mathbf{c}_y' \mathbf{y}$$



--- $\alpha' \mathbf{x} \geq d$ \star Optimal