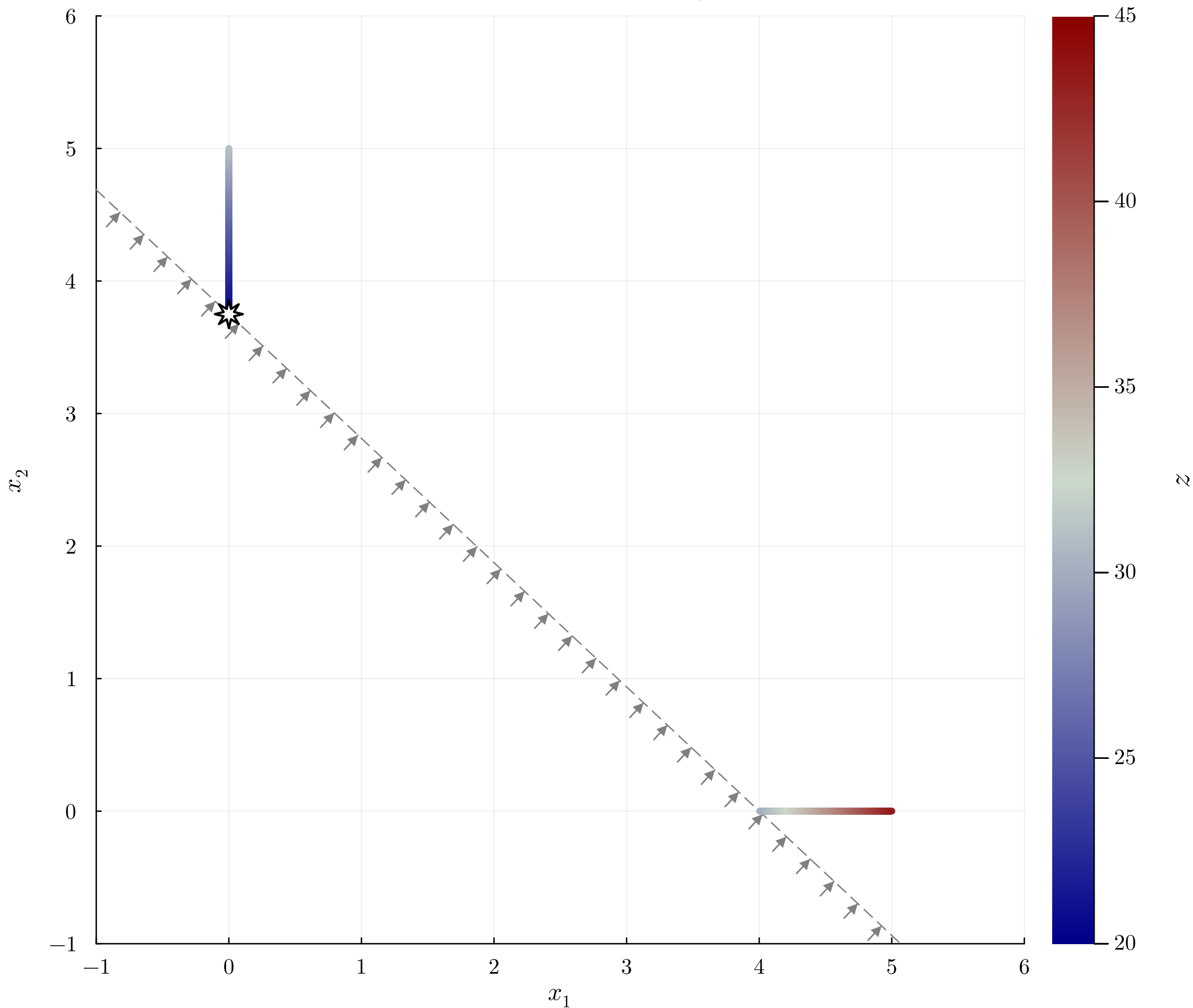


Feasible Region \diamond Optimal Solution

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



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