

Exercise 13

Match the vector fields \mathbf{F} with the plots labeled I–IV. Give reasons for your choices.

$$\mathbf{F}(x, y) = \langle y, y + 2 \rangle$$

[TYPO: This should be in bold.]

Solution

This vector field corresponds with plot I. The vectors point to the upper-right when y is bigger than 2 and point to the lower-left when y is lower than -2 .

