

/pro?src=pro-banner-5)

slope field



Examples (//www.wolframalpha.com/examples/?src=Input) Random

Assuming "slope field" refers to a computation | Use as referring to a mathematical definition instead

- vector field: $\{1, x + 2y\}/\sqrt{1 + (x + 2y)^2}$
- variable 1: x
- lower limit 1: -0.1
- upper limit 1: 0.4
- variable 2: y
- lower limit 2: -0.01
- upper limit 2: 0.04

Input:

$$\text{VectorPlot}\left[\frac{\{1, x + 2y\}}{\sqrt{1 + (x + 2y)^2}}, \{x, -0.1, 0.4\}, \{y, -0.01, 0.04\}\right]$$

Result:

