



$$f(x, y) = 9.8 - 0.2 y$$



$$n = 58$$



$$a = 0.7$$



$$x_{\max} = 127.2$$



$$x_{\min} = -100$$



$$y_{\max} = 100$$



$$y_{\min} = -100$$



$$\text{slopefield1} = \text{SlopeField}(f, n, a, x_{\min}, y_{\min}, x_{\max}, y_{\max})$$



$$C = 22$$



$$g(x) = -50 e^{-0.196x} + C$$