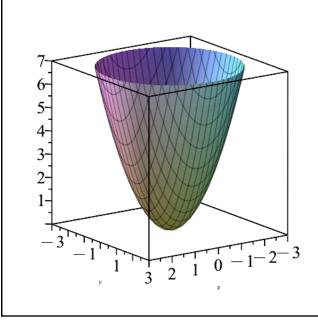
Gradient vectors

$$f := x^2 + y^2$$

$$f \coloneqq x^2 + y^2 \tag{1}$$

a := plot3d(f, x = -3..3, y = -3..3, view = 0..7) | gradplot(f, x = -3..3, y = -3..3)



$$f := -x^2 - y^2$$

$$f \coloneqq -x^2 - y^2 \tag{2}$$

$$b := plot3d(f, x = -3 ..3, y = -3 ..3, view = -7$$

..0)

$$gradplot(f, x = -3 ...3, y = -3 ...3)$$

