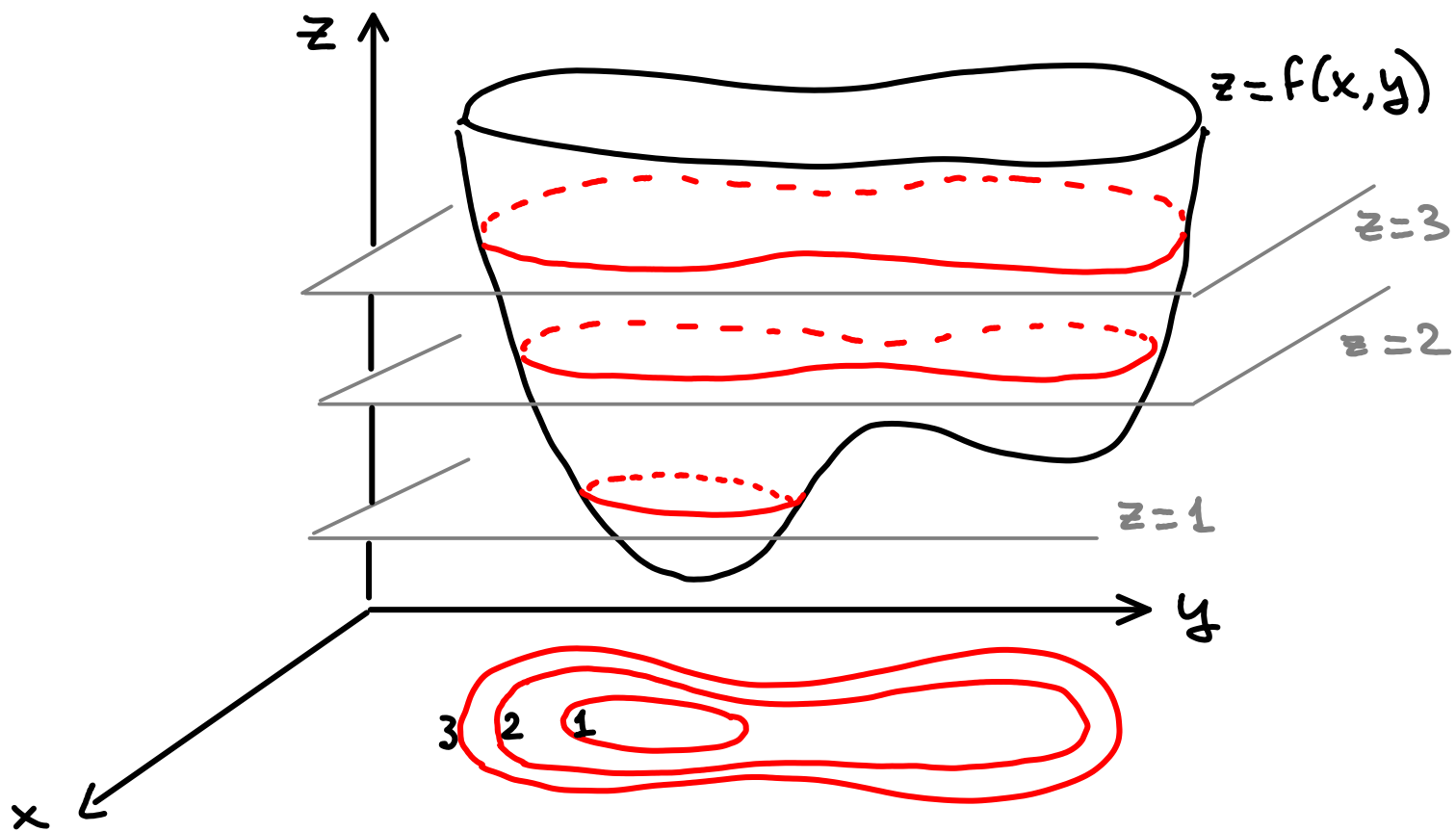
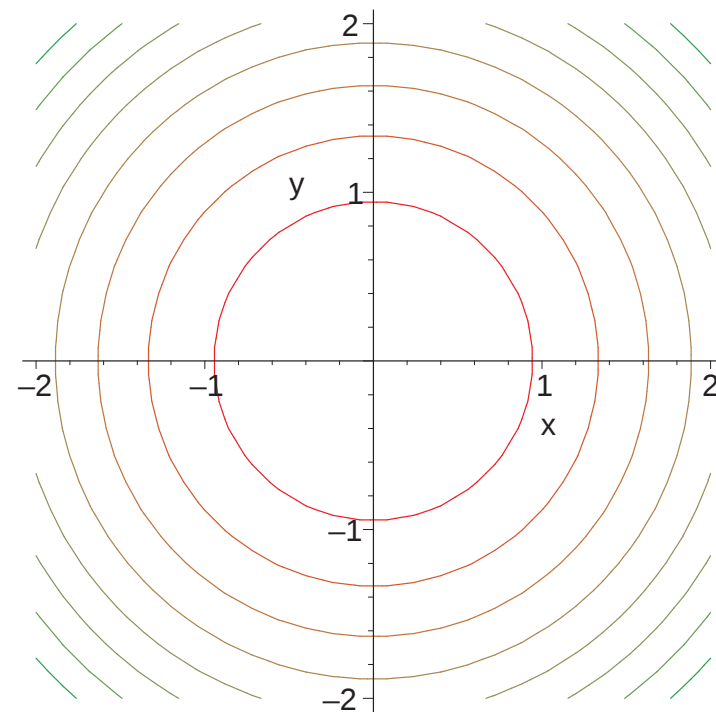
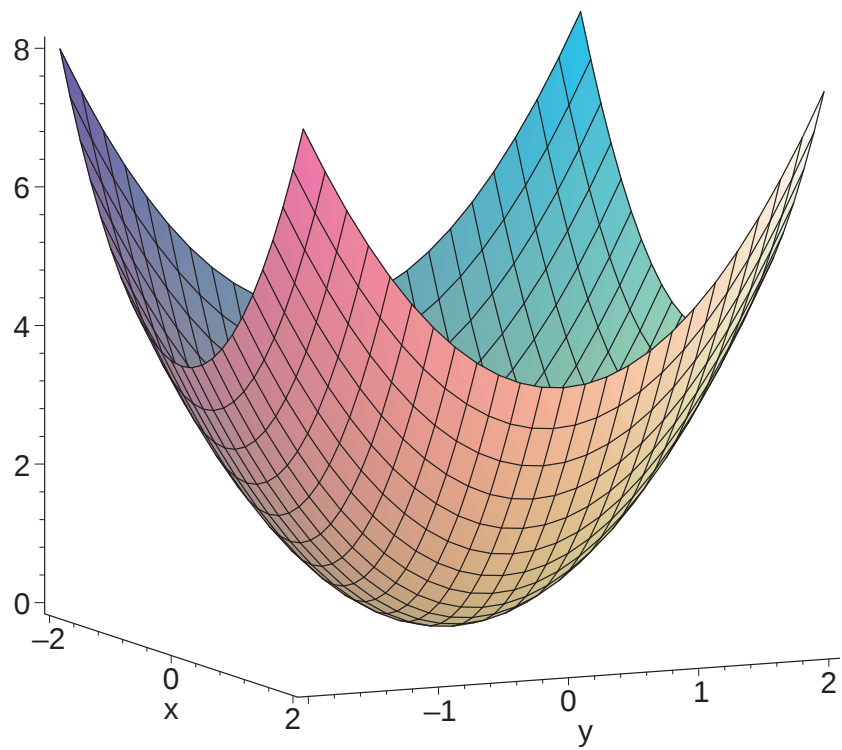




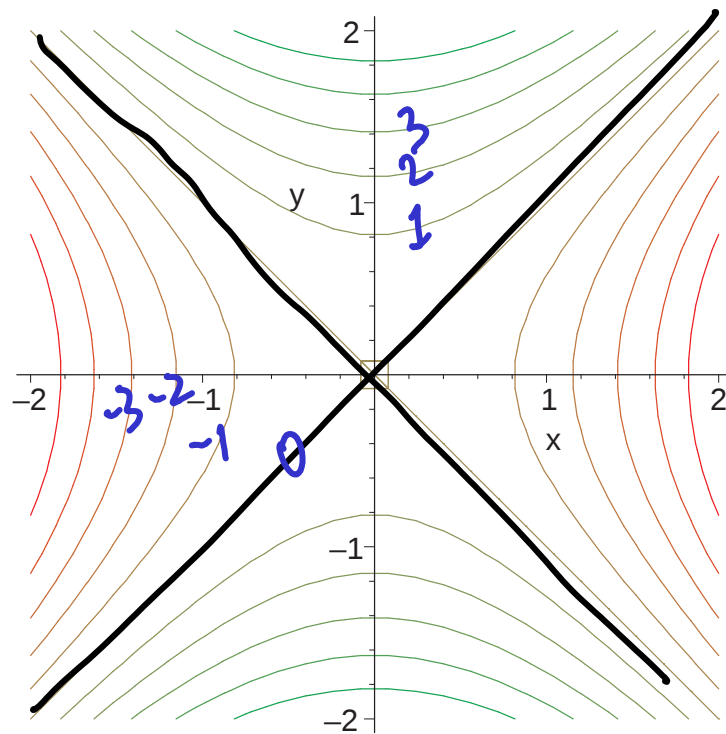
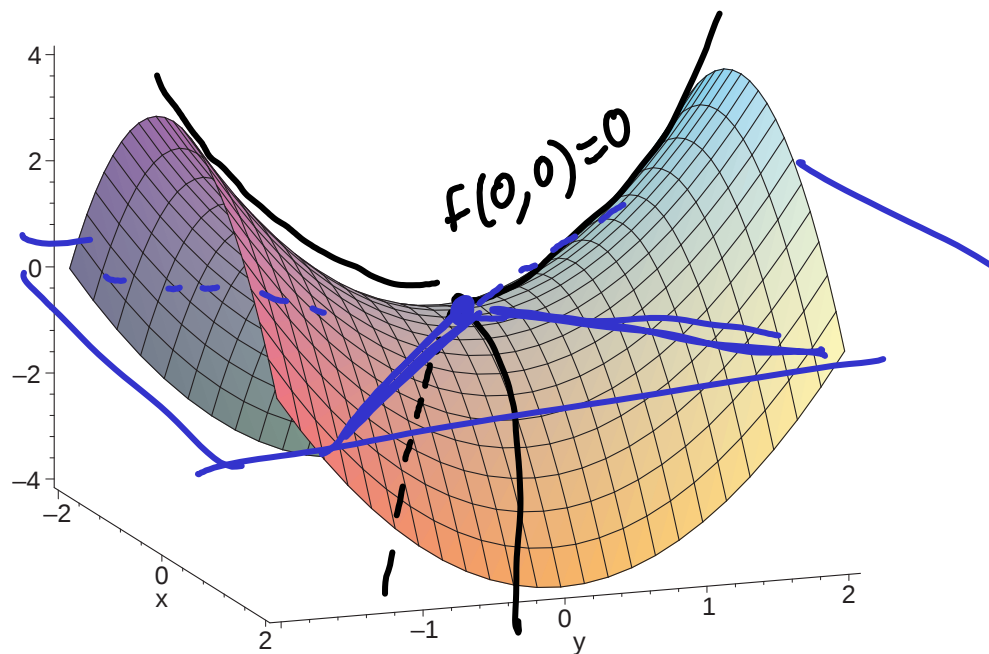
$$f(x, y) = x^2 + y^2$$



$$f(x, y) = y^2 - x^2$$

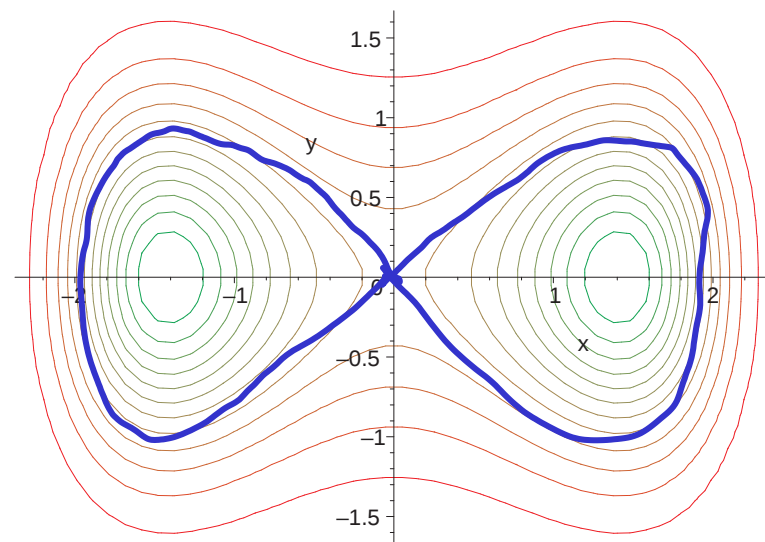
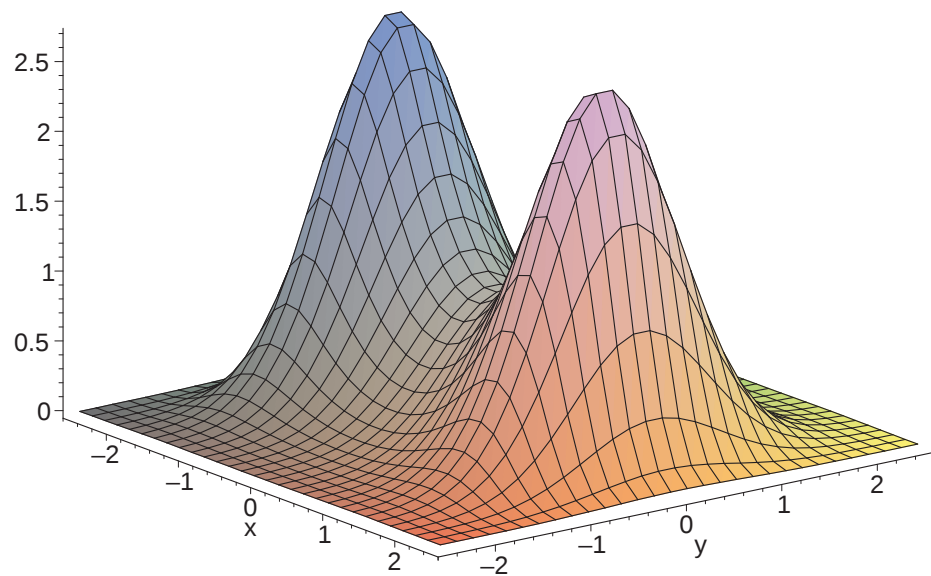
$$f(0, y) = y^2$$

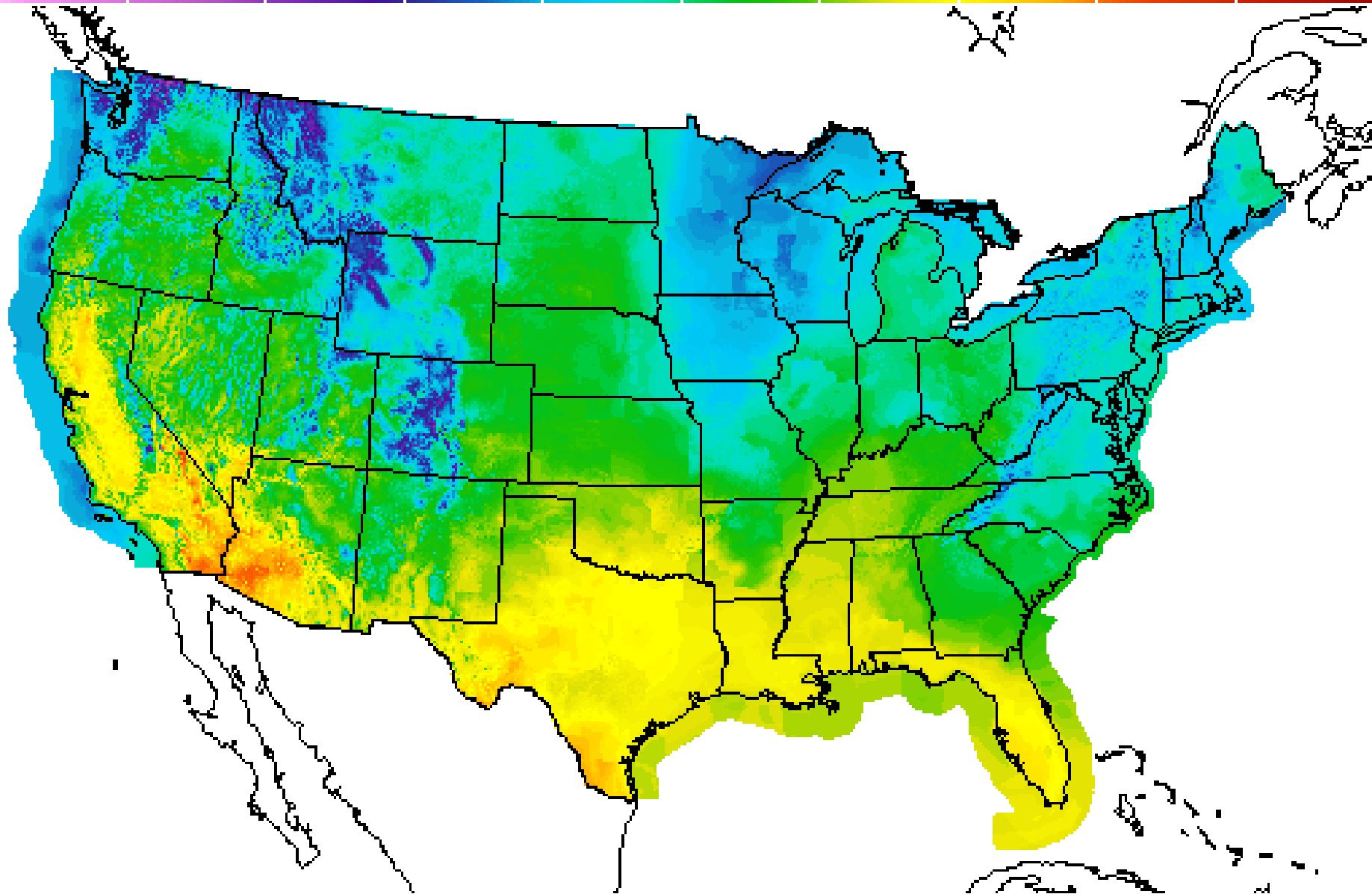
$$f(x, 0) = -x^2$$



$$f = y^2 - x^2 = 0 \Leftrightarrow x^2 = y^2 \Leftrightarrow x = y$$

or $x = -y$





High Temperature(F) Ending Sun Sep 18 2011 8PM EDT
(Mon Sep 19 2011 00Z)

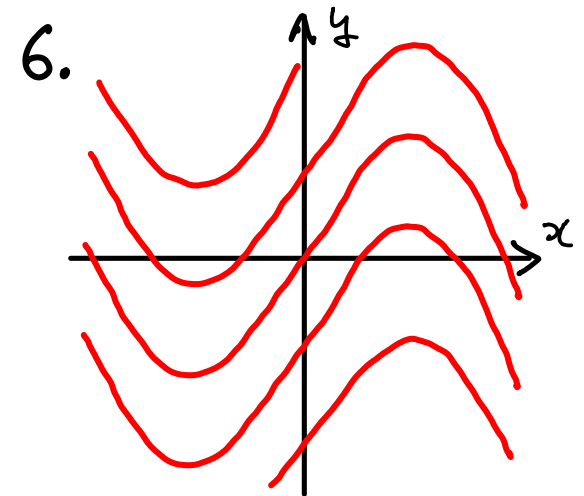
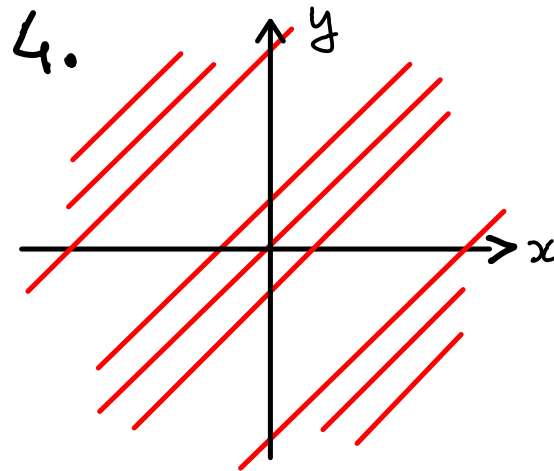
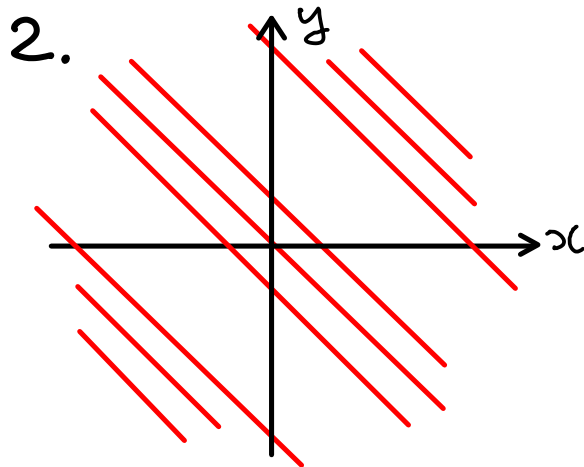
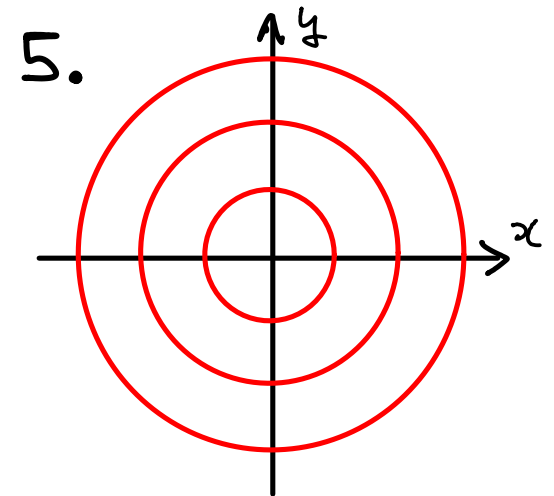
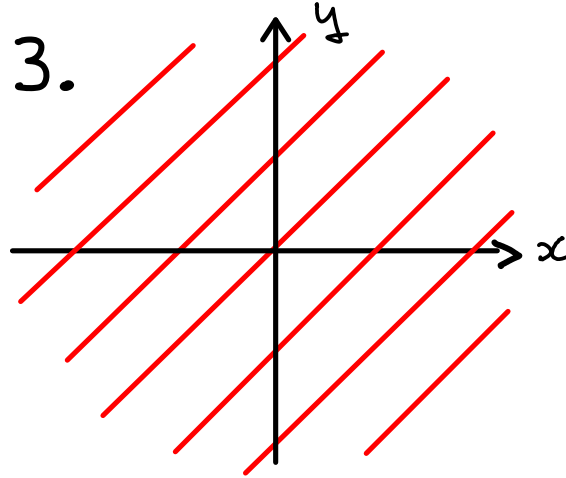
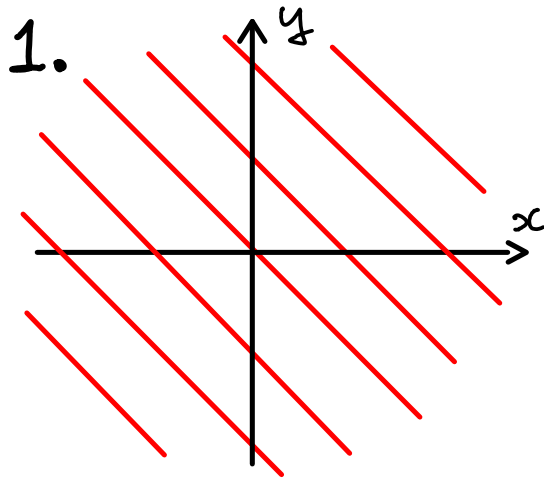
National Digital Forecast Database

20z issuance

Graphic created-Sep 18 4:12PM EDT



Contour plot of $f(x,y) = \sin(x+y)$?



7. none of the above
8. I don't know

$$f(x, y) = \sin(x + y)$$

