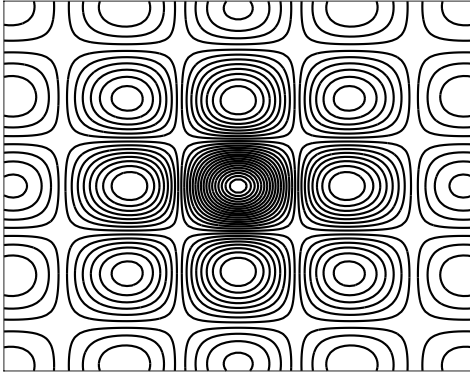


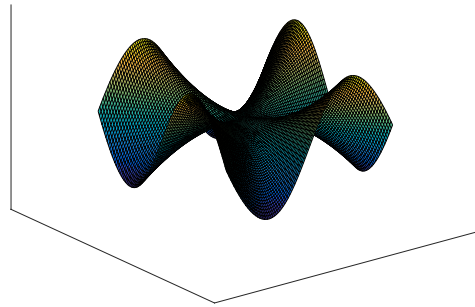
Lecture 14.1: Matching Game

$$f(x, y) = y^2 - y^4 - x^2 \quad g(x, y) = \frac{xy(x^2 - y^2)}{x^2 + y^2} \quad h(x, y) = \cos x \cos y \exp(-\sqrt{x^2 + y^2}/4)$$

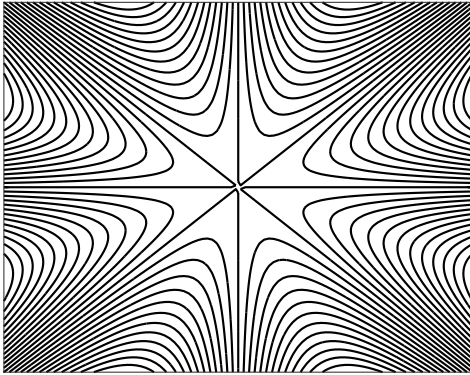
Contour Map I



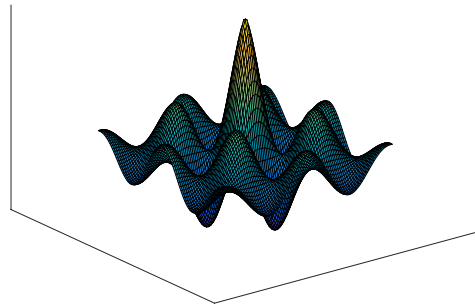
Graph A



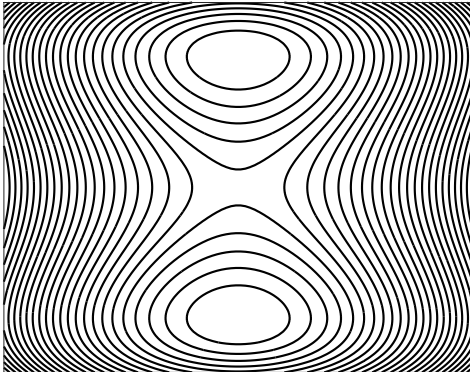
Contour Map II



Graph B



Contour Map III



Graph C

