

# Multivariable Calculus

Math 212 §2 Fall 2014  
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Fowler 309 MWF 11:45am - 12:40pm  
<http://faculty.oxy.edu/ron/math/212/14/>

## Contours and Surfaces

Consider the following functions:

1.  $z = \sin(xy)$     2.  $z = \sin(x - y)$     3.  $z = (1 - x^2)(1 - y^2)$

4.  $z = \frac{x - y}{1 + x^2 + y^2}$     5.  $z = e^x \cos(y)$     6.  $z = \sin x - \sin y$

Match the contours (I-VI) to the following surfaces (A-F) and formulas (1-6)

