

Math 241: HW 11

Due on Thursday, June 27

Summer '13

John "Curlee" Robertson

Problem 1

Revolve $f(x) = \cos(x^2)$ on $[0, \pi/4]$ about the y -axis and find the volume of the resulting solid.

Problem 2

Revolve the region enclosed by $f(x) = \sqrt{x}$ and $g(x) = x^2$ about the y -axis and give the volume of the resulting solid.