ASSIGNMENT #7
Due: Monday, 24 February, 2003

Would you like a donut or bagel with your integral?

1. Suppose r and R are constants such that $0 < r < R$. Find the surface area of the torus obtained by rotating the circle $(x - R)^2 + y^2 = r^2$ about the y-axis. *[10]*
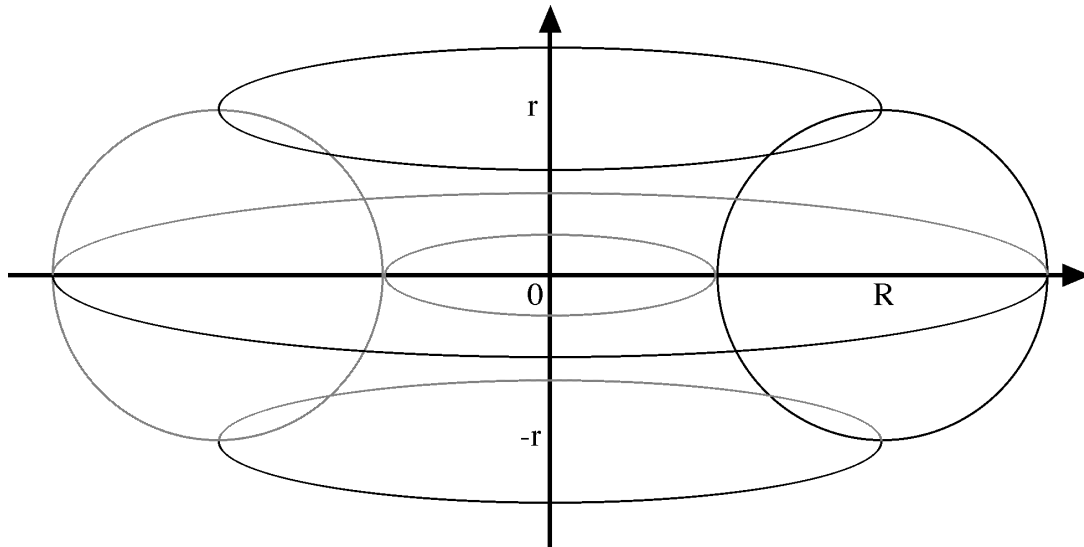
On Problems

Our choicest plans
      have fallen through,
our airiest castles
      tumbled over,
because of lines
      we neatly drew
and later neatly
      stumbled over.

      Piet Hein