

Problem of the Week #13

Assigned: 02 Dec 10, 1600

Due: 09 Dec 10, 1300

An Incredible Problem

A cylindrical hole, 6 inches long, is drilled through a spherical solid, passing directly through the center. What is the volume remaining in the solid?

Email solutions to Christopher.marks@usma.edu with subject line: POTW.

Solutions can be emailed in the form of: an email (plain text) no attachment, a word document, a Mathematica file, an excel workbook, or a scanned adobe file of your work.

If none of these options work for you, you may drop a hardcopy off at my office TH239C, just annotate the time of submission.