Problem of the Week #9

Assigned: 28 Oct 2010, 1300

Due: 03 Nov 2010, 1300

A Global Problem II

If a strap were tightened around the Earth's equator, and then six meters of length were added to it, and you grabbed it at a point and lifted straight up it until all the slack was gone, how high above surface of the earth would you be?

Solution: 402 meters.

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.