

## Problem of the Week #23

Assigned: 1300, Thursday 31 MAR 11

Due: 1300, Thursday 07 APR 11

### A Familiar Story...

It is 6 AM and snowing outside. It is, will be, and has been snowing at a constant rate. A snow plow is out plowing fresh snow at a constant rate ( $\frac{ft^3}{min}$ ) and a long a straight line.

From 6 AM to 7 AM the snow plow travels two miles, and from 7 AM to 8 AM the plow travels 1 mile.

When did it start snowing?

Email solutions to [Christopher.marks@usma.edu](mailto: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.