PROBLEM OF THE WEEK

3/27/12   due   **NOON**   4/9/12

CAN YOU GIVE US A SOLUTION?

Problem No. 11 (Spring 2012 Series)

Find a one to one area preserving map from the interior of a rectangle onto that part of the interior of the unit circle which lies above the x axis. Area preserving means the area of the image of a subregion of the rectangle is the area of the subregion, so the interior of your rectangle will have to have area $\pi/2$.