Homework Assignment for Week 07

1. Section 14.2: Problems 41, 49, 61, 63.

   Hint for problems 41, 61, 63: Read 'Changing to Polar Coordinates' on page 781. Note that in equation (1), page 781, '$|r| < \delta$' should be '$0 < |r| < \delta$' instead.

   Hint for problem 49: Find two paths that pass through $(1, 1)$.

   Remark: No recitation, no quiz next week. This homework will be covered in the recitation on Monday April 15.