Problemset 2
TTIC 31100 / CMSC 39000 Computational geometry

October 20, 2010

Problem 1.

(a) Let P be a simply-connected polygon in the plane. Show that P contains three consecutive vertices x, y, z, such that the triangle with vertices x, y, z is contained in P.

(b) Is part (a) true for polygons that are not simply-connected?

Problems from the book.   3.1, 7.10, 9.11.