

CSE 6331, Fall, 2012
Prof. T. K. Dey
Office : 483 Dreese Lab

CSE6331 Homework 9
Due Tuesday, November 27

1. We have gone through a constructive proof for five coloring of a planar graph. Use this strategy to prove Fáry's theorem, that is, every simple planar graph has a straight-line embedding in the plane.
2. Exercise 33.3-4, page 956 (second edition), Exercise 33.3-4, page 1038 (third edition).
3. Exercise 33.3-5, page 957 (second edition), Exercise 33.3-5, page 1039 (third edition).
4. Exercise 33-4, page 963 (second edition), Exercise 33-4, page 1046 (third edition).