Illinois Institute of Technology
Department of Computer Science

Homework Assignment 6

CS 330 Discrete Structures
Spring Semester, 2015

Due: Friday, April 17, 2015

1. Page 705, exercise 24; use DFS

2. Page 796, exercise 22

3. Page 803, exercise 18

4. Prove that if a connected undirected graph has no vertex of degree 1, then it contains a cycle.