

01/28/09

Math 412

HW2

Due February 4, 2009

Solve five of the next six problems.

1. # 1.2.1 in the book.
2. # 1.2.18 in the book.
3. # 1.2.26 in the book.
4. # 1.2.31 in the book.
5. Prove that every connected graph G has a walk that traverses each edge of G exactly twice.
6. # 1.3.25 in the book.

Problems below review basic concepts and their ideas could be used in the tests.

WARMUP PROBLEMS: Section 1.2: # 4, 5, 8, 9, 10, 11. Do not write these up!

OTHER INTERESTING PROBLEMS: Section 1.1: # 20, 26.

Section 1.2: # 14, 17, 20, 28, 33, 40. Do not write these up!