Math 4710/6710 – Graph Theory – Fall 2019

Assignment 2, due in class, Friday 20th September

Please note:
- Solutions to problems should be fully explained, using clear English sentences where necessary.
- Solutions should be written (or typed) neatly on one side only of clean paper with straight (not ragged) edges.
- Multiple pages should be stapled (not clipped or folded) together.
- Problems are from the newer printings of the textbook. If the problem has a different number in older printings, this will be indicated by '(old x.y.z)'.
- Those registered for Math 4710 may do either of U4 or G4 (but not both; if you do both I will grade only U4). Those registered for Math 6710 must do G4.

1. Problem 3.1.7.

2. Problem 3.3.8 (old 3.3.6)

3. Problem 4.1.9. In part (a) just assume that $\delta \geq k$, not that $\delta = k$.

U4. Problem 3.1.6(a).

G4. Problem 3.1.6(b).