

MAT 332HF Assignment 2

Due in .pdf, .jpg or .jpeg format on Quercus by 3 pm Thurs 4 Oct 2018

Here and hereafter, ‘West’ refers to problems from the required textbook *Introduction to Graph Theory. 2nd ed* by Douglas B West.

READ Chapter 2.1-2.2 by Thurs Sept 27 and Chapter 2.3 by Thurs Oct 4, skipping all subsections marked optional.

Also, make sure you are familiar with the expected Mathematical Background from Appendix A.

WRITE UP solutions to the following problems, as succinctly and neatly as you can, and turn in on Quercus by 3 pm Thurs 4 Oct 2018 in either .pdf, .jpg or .jpeg format.

West §1.3 # 22, 40; §1.4 # 11, 34, 42; §2.1 # 18, 39, 62; §2.2 # 6, 7

NOTE: for 1.3.22 its necessary to assume G is not only not bipartite, but also *triangle free*.