

## GRAPH THEORY TW782

### Assignment 4 (due Friday 18 August 2017)

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Read Chapter 4, sections 4.1, 4.2 and 4.3 of *A First Course in Graph Theory* by Chartrand and Zhang, and then do

1. exercise 4.2
2. exercise 4.10
3. exercise 4.16
4. exercise 4.18
5. exercise 4.28

Read Chapter 4, section 4.4 of *A First Course in Graph Theory* by Chartrand and Zhang, and pages 61, 62 and 63 of *Graphs and Digraphs* by Chartrand and Lesniak, and then do

6. exercise 3.5 on page 65 of *Graphs and Digraphs*
  7. exercise 3.6 on page 65 of *Graphs and Digraphs*
  8. exercise 3.7 on page 65 of *Graphs and Digraphs*
  9. exercise 3.8 on page 65 of *Graphs and Digraphs*
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