

MCS521-Spring 2012

HOMEWORK ASSIGNMENTS

MCS 521, Spring 2012
LCD-grad 33023,
MWF 11–11:50, Thaft Hall 219
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Last update March 31, 2012

1 HOMEWORK ASSIGNMENT 1

Assigned 1-9-12 – Due 1-20-12

Do the following problems from *Combinatorial Optimization, Cook & all*, p.p. 334-335, *Exercises:* A1-A6, A9, A12.

2 HOMEWORK ASSIGNMENT 2

Assigned 1-27-12 Due 2-6-12

Do the following problems from *Combinatorial Optimization, Cook & all*, p17, *Exercises:* 2.1, 2.3, 2.6, 2.7, 2.8, 2.9, 2.10, 2.15, 2.16.

3 HOMEWORK ASSIGNMENT 3

Assigned 2-6-12 – Due 2-15-12

Do the following problems from *Combinatorial Optimization, Cook & all*, p.p. 34-36, *Exercises:* 2.18, 2.21, 2.22, 2.23, 2.33, 2.34, 2.35, 2.37, 2.40.

4 HOMEWORK ASSIGNMENT 4

Assigned 2-15-10 – Due 2-22-12

Do the following problems from *Combinatorial Optimization, Cook & all*, p.p. 45-46, *Exercises:* 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9.

5 HOMEWORK ASSIGNMENT 5

Assigned 2-27-10 Due 3-7-12

Do the following problems from *Combinatorial Optimization*, Cook & all, p.p. 59-62,
Exercises: 3.17, 3.18, 3.21, 3.23, 3.24, 3.26, 3.31, 3.35, 3.42, 3.44

6 HOMEWORK ASSIGNMENT 6

Assigned 3-14-10 Due 3-28-12

Do the following problems from *Combinatorial Optimization*, Cook & all, p.p. 133-
134, *Exercises*: 5.1, 5.2, 5.3, 5.4, 5.6, 5.7, 5.9, 5.10, 5.12, 5.13, 5.14, 5.18, 5.19.

7 HOMEWORK ASSIGNMENT 7

Assigned 3-31-10 Due 4-11-12

Do the following problems from *Combinatorial Optimization*, Cook & all,
p.p. 163–166: 5.22, 5.23, 5.24, 5.25, 5.28, 5.29, 5.31.
p.p. 181–182: 5.40, 5.41, 5.42, 5.45, 5.47, 5.51.
p.p. 190–191: 5.52, 5.55.
p.p. 197: 5.58.