

CISC320 Algorithms, Homework set 5
Due 4:30pm¹, Thursday, May 13, 2010.

Dynamic programming
NP-completeness

1. Do one (and only one) of these problems: 6.12, 6.13, 6.14.
2. Do one of these: 6.16, 6.17.
3. Exercise 8.1. Hint: look at doublings and bisection vis a vis b.
4. Exercise 8.9
5. Exercise 8.10. Do any three of the parts a-g.

¹This extended deadline (end of TA office hour in 101 Smith Hall) comes with a caution: It is a hard deadline. What Michael takes with him at that time is what gets graded as on time.