

# CIS 502: Algorithms

SPRING 2008

**Homework 5: due Apr 16<sup>th</sup> at 3:00pm in class or in Levine 502.** Standard late submissions (accepted till 5pm, 17<sup>th</sup>) apply. <sup>1</sup>.

**Problem 1:** Exercise 5 on page 506–507.

**Problem 2:** Exercise 7 on page 507.

**Problem 3:** Exercise 14 on page 512.

**Problem 4:** Exercise 17 on page 513.

**Problem 5:** Exercise 27 on page 518–519.

**Problem 6:** Exercise 31 on page 520.

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<sup>1</sup>Recall that each of you can discuss the problems with *exactly one other person* but have to write the solutions on your own. Further you have to mention your collaborator. You are expected to think about the problems. You **cannot** use newsgroup or internet resources to solve the problems. If the problem is solved in any of the books suggested in class and your solution is modeled after such, you need to add reference to it.