

## HOMEWORK#3

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Due Date: December 2nd, 2009 (5x20 points)  
CS 5929 DESIGN & ANALYSIS OF ALGORITHM  
Department of Computer Science, Texas State University

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All problems are from Goodrich book

1. R 3.7 Chapter 3, page 212
2. R 3.17 Chapter 3, page 213
3. R 2.18 Chapter 2, page 132
4. R 5.11 Chapter 5, page 282
5. R 5.9 Chapter 5, page 282

Extra Grade Problem (10 pts)

6. C-5.5 Chapter 5, page 283

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**SUBMISSION:** you can type your homework or use handwriting. In both cases you need to submit it as a your\_name.pdf on TRACS website through assignment link. Have your name and ID number on each page of your pdf file!!! Be sure that if the pdf file is printed you can actually read what was printed – if grader cannot read your submission you will receive a zero grade.

**Cheating and Copy:**

You can discuss the problems with other students in class, but write the solution by yourself. If a copy (from your class mate or from web) is caught, all involved submissions (original as well as the copies) will be penalized. It is your responsibility to guard your work. Any copy will result in ZERO grade for the assignment for both party. Only exception is when you report the theft of your work in advance.

**Late Submissions:**

Late submissions will result in 5% penalty per calendar day, just 2 days of later submission will be allowed.