

Problem Set 5
CPSC 689 Randomized Algorithms
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The assignment is due next Tuesday, before class.

Solve the following exercises in [MU]

1. Exercise 5.3
2. Exercise 5.9
3. Exercise 5.15
4. Exercise 5.22

Typeset your solution in L^AT_EX or write very neatly!

You should read Chapters 5 and 14 in our textbook; solve as many exercises as you can. Good sources for such exercises are also [Grimmett and Stirzaker, *One Thousand Exercises in Probability*, 2nd edition, Oxford University Press, 2001] and [Capinski and Zastawniak, *Probability Through Problems*, Springer, 2000].