

CO 330, FALL 2017, ASSIGNMENT 4

DUE FRIDAY OCTOBER 13 AT 4PM VIA CROWDMARK

Note the unusual due day! Friday October 13 is following a Wednesday schedule.

PART A

Do all problems in part A.

- (1) (a) Find at least 3 typos in the lecture summaries or assignment solutions.
(b) What thing in this course would you most like to see more details about.
- (2) Course notes chapter 5 question 3

PART B

Do **any two** of the following three problems for part B. If you submit more than two only the first two will be graded.

- (1) Course notes chapter 5 question 6
- (2) Course notes chapter 5 question 8
- (3) In at most 8 lines summarize the proof of the q-binomial theorem given in the course notes. You are not supposed to give the proof itself, but to say what the key points are and how they fit together.