

EE 597

July 6, 2016

Graph Coloring

↳ A tool for allocating

channels (time, frequency, codes)

to potentially interfering cells or links.

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Announcement: Mid-term exam

is on Monday, July 11

The exam will be in-class,

for the usual class duration

(12:25 - 2pm)

Open notes, books, print-outs

(anything in paper you want to bring in)

cell-phones, calculators, computers, tablets etc.

BUT

no electronics:

Recommended working on what seems to you to be easiest first.

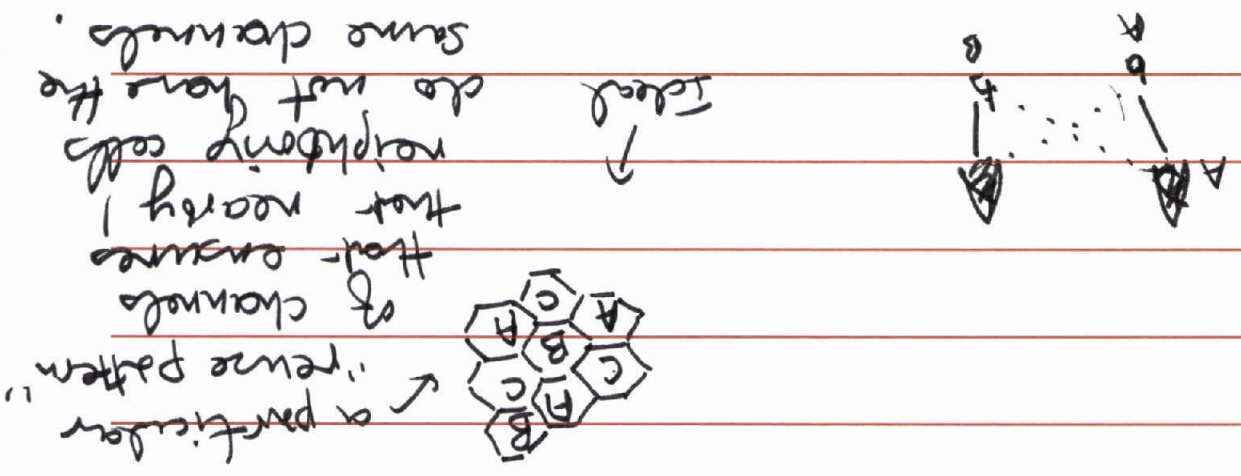
followed by $n=3$ or 4 calculation problems, from which the best $n-1$ count.

exam format (likely):
A series of short questions/ definitions/ fill in the blanks to test your understanding of basic concepts.

TA will post sample midterm exams and problems on the course site. But NOT the solutions.

We will do a brief review of class topics to date in

Recap: Cellular wireless networks



→ reality: irregular cell shapes: due to propagation effects as well as cell/BS placement constraints and also to transmit power levels and also to mobile user traffic.

Another recommendation for exam prep: go over the sample problems & see if you identify "classes" of problems.