

CS 420: Advanced Algorithm Design and Analysis

Spring 2015 – Lecture 25

Department of Computer Science
University of British Columbia



April 07, 2015

Announcements

Assignments...

- ▶ Asst8/9 (due April 9)

Exams...

- ▶ NO MORE EXAMS

Readings...

- ▶ computational geometry... light treatment in texts, EricksonNotes has more; notes of David Mount are highly recommended

Last class...

- ▶ two-dimensional searching...planar point location
<https://www.cs.ucsb.edu/~suri/cs235/Location.pdf>
- ▶ applications to geometric intersection problems

Today...

- ▶ motion planning problems
 - ▶ search in the presence of uncertainty/imprecision
 - ▶ competitive analysis of the *cow-path* problem