

CSE321

Sept 11, 2015

(1)

Last class: building your executable
- make utility
- Ant (Apache)

system dependent

limits in ~~the~~ time & space

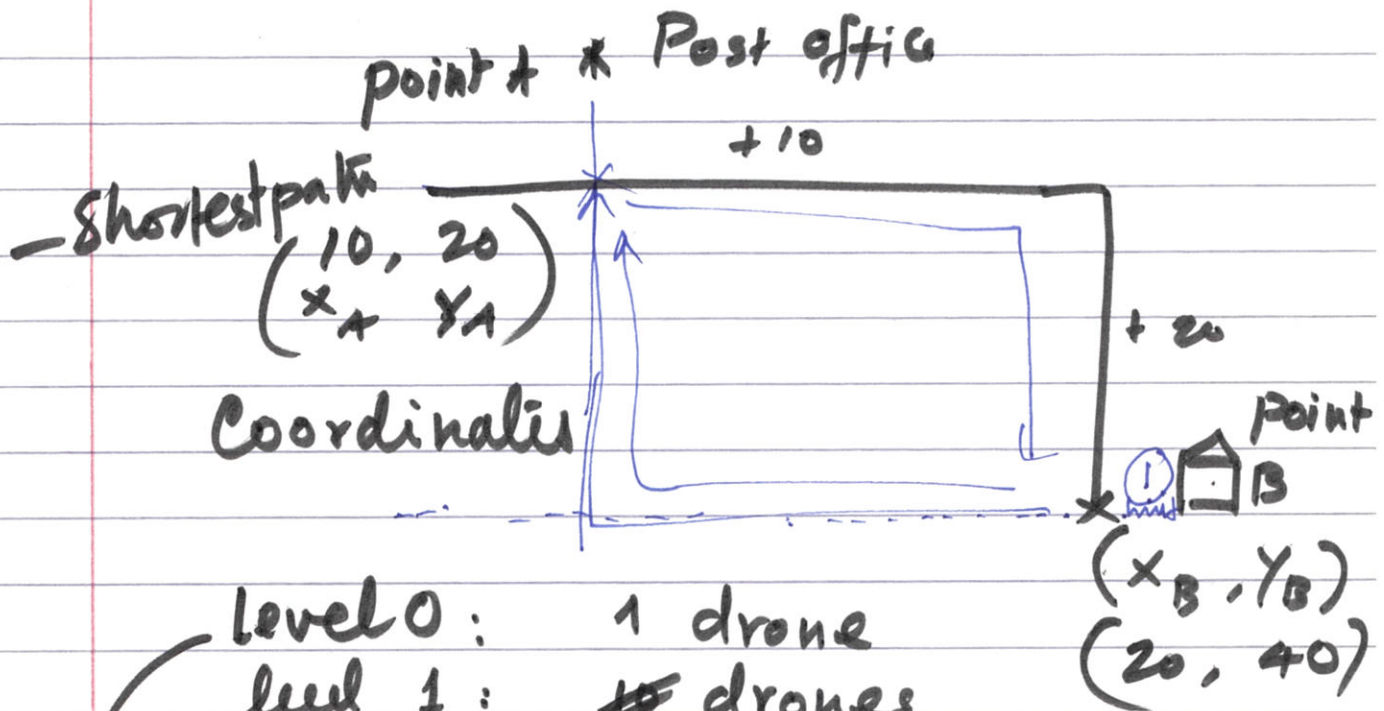
1. codecon.bloomberg.com

2. login with gmail or
twitter
codecon ^{or}
(new)

3. link this to your libemail
buffalo.edu
- click on email on the top
left.

4. courses → CSE321 ...

<http://www.cse.buffalo.edu/~bina/cse113/fall2015>



level 0: 1 drone

level 1: ~~1~~ 3 drones

(no obstacles, no collision)

"struct"

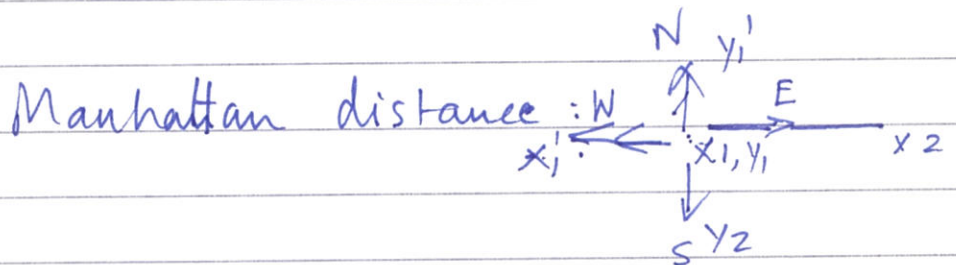
what are the "data" I need in the "drone" object:

level 0-2: 1 drone, avoid static obstacles

level 1-2: multiple drones, avoid static obstacles

level 2-2: multiple drone

dynamic locations for collision detection + avoidance



drone "struct"

~~currLoc~~

currLoc

point A

point B

table/grid

static
obstacles,

updateable dynamic
obstacles

Design Process involves:

Data Structures

- mydata drone

- static table for immovable

- dynamic table/grid for
moving objects

Algorithms

1. normal path: MD

2. static obstacles:

MDSO

3. other drones:

MDMO-v.1

(assumption)

MDMO-v.2