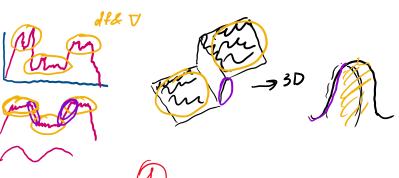


- Contrast
- Blure
- Gaussian Filters 1st/2nd order

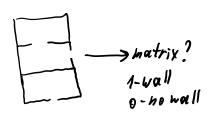








1-edge, 0-no edge



- Do BFS without bitting the walls.

## 4) Node?

- Do BFS without hitting the walls.



- Connect nodes by following near 0's & avoiding 1's.

## middle exit node %

room center !!

Monte Carlo A lot modes ( cut every 20 hodo

- 1) cut every 20 nodes "
- 2) cut within the 5px radius 11
- 3) random near the walls 11



5) Nodes + Edges

BFS

random => Should be (x,y) Node = (x,y) in px Edge = D's the shortest

BFS VS DFS

stoolong to go good

-ho radius

-every 'o' is a node - Cat every 20 modes

floor.ph (WALLS, NODES DETECTION)

-the best walls I nodes

- return nodes (x, y)!

- Jet pic

- hostrix (0 - no wall, 1- wall)

- pick random two 0's

- run BFS, avoid walls (1's)

Input: 10,000 pics

Output: Nodes (x, y)

10,000 pic ->

autput: green red blue

pic lutput data: red node (x, y) px

lutput data: red node (x, y) px

Keop for future

BFS (follow o's avoid 1's)

Me shortest path

1) open pic

2) matrix

i(x,y); f(x,y)

Impore GPT a bunch of loops

SMAPTEP pls!!!