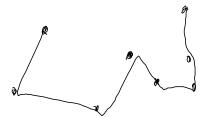
Hill	Climbing	Search
1 11111	CIIIIIDIIIB	Jearen

Monday, September 19, 2016, 9:26 AM

intition that some states better then others

Traveling Sales Person

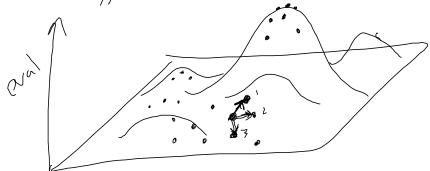


the start w/ the best properties

(C		1	3	\
)	4	76	3	
	1	2	3	3	
	3	V	3	2	

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	1/	()	\/ \

in tition Pualvation for () = captures this, intiition - bigger the # the better the state



Problems:

- you might not be highest hill

- local maximon

- Plateaus - D loops

- No open or closed

Fixes!

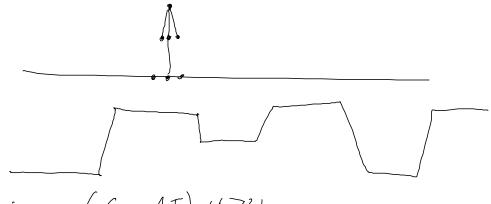
- Random bad moves (down-hill moves)

- Random bad moves (down-hill moves)

- Multiple restarts (Keep multiple States)

- Gradient measurity

- Keep history (beam search for limited open list)



Genetic Algorithms (Game AI) 4731 Simulated Amealing

Successors Neighborhood