Start )

Bramching factor

Start )

Start )

Greedy depth first search

get successors, the sort them acording to the bearistic in decreasing order.

Then push them to the stack one -by -one

Best- First - search:

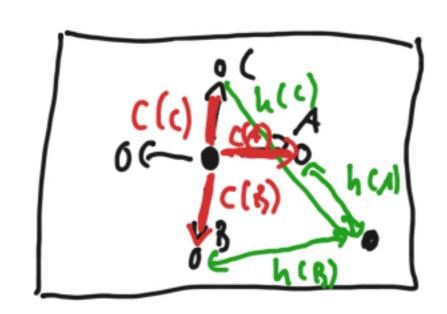
using a heap instead of a que we put states on the heap organized as hearistic value.

use (heuristic(state), state) pairs

Geappus 4 Geappus 4



## A# - Search



for each possible ment steath
we have

heavistic: h (steate)

Cost: c (state)

(on pate:

f (state) = h (state) + (state)

Keep states on a heap organized by their f-value.

At Search is optimal (finds (la shortest solution),

but only if the hearistic is admissible. An admissible hearistic.

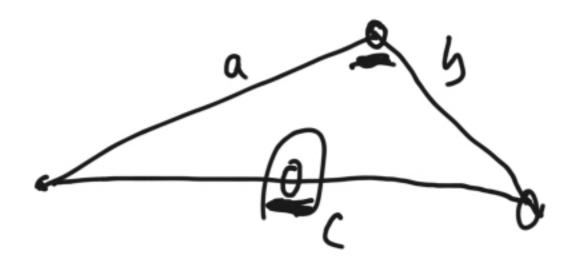
The true distance to the goal.

Enjangle inequally

origin

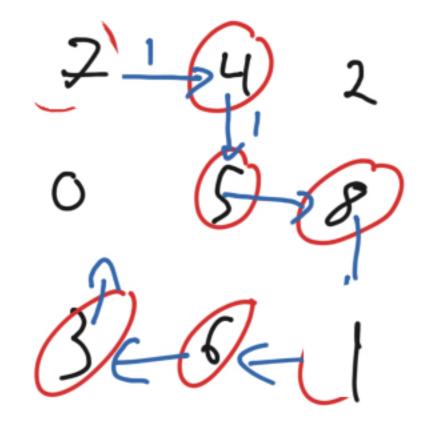
origin

Shown An admissible heavistic never our estimates



atb > c





misplaced tile Yerristic: Z

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