

```
ops <- {...}

closed <- nil

open <- {initial-state}

current <- initial-state

WHILE (NOT isgoal(current) AND open * NIL) DO:

closed <- closed + {current}

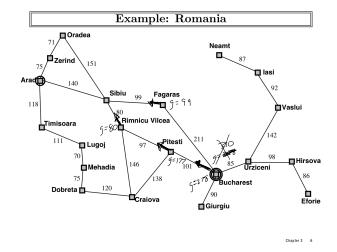
open <- open - {current} e ( successors(current, ops) - closed )

current <- first(open)

END WHILE

IF isgoal(current) THEN report success!

ELSE report failure
```



U(s is optimal of complete

short you can't jump straight to goal state

when successor function generator it.