## Page 0

## Simulated Annualry - Basic Algorithm

current + Pnitial state

1 to a large position value

while 170 do

next - a landon neighbor

next < a landon neighbour for coment DE + current.cost - next.cost If DE >0 then

current + rext

end if

derrase T

return current

Algorithm:

current + randomly generated initial state
current-10st + cost (current)

of t a large positive value

This T > 0 and current - lost > 0

neighbour = last = lost | neighbour = lost = lost | neighbour = lost = lost | neighbour = lost = lost = neighbour = lost = lost = neighbour = lost = lost = neighbour =

if kost-diff > 0:

i current + neighbour

current\_cost + neighbour\_cost 5

end while
return current, current\_state