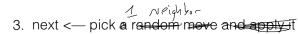
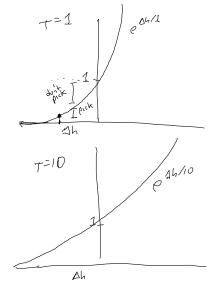
Simulated annealing Monday, September 19, 2016 9:28 AM

- 1. T <— starting temperature
- ⇒2. current <— random starting node</p>



- 5. If $\Delta h > 0$ then current <— next, goto 3
- 6. current <— next with probability $e^{\Delta h/T}$ or goto 3
- 7. Reduce T by some given schedule
- 8. If T > 0 goto 3, or terminate with current as solution

next regarding Ah



Hill-climbing



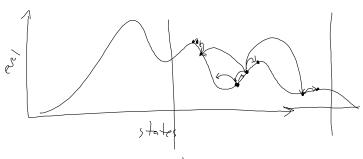
Random down hill war

Simulated Anneling

- 1) e fire a reigh borhood

- If you find a successor better do it

- Pas you alsome more downhill Les decreeses as time goes or



Temperature variable - decreases over time How fast to decrease?

Trade off: time & quality of solution

Decrece slow & Mough -> increase literational

Satisficing Search - any alg where none time - better guility solution

- okay to return sub-optimal solution

The simplifies - () interpreted at my time

Just-in-time - Can be intompted at any time and still return some solution