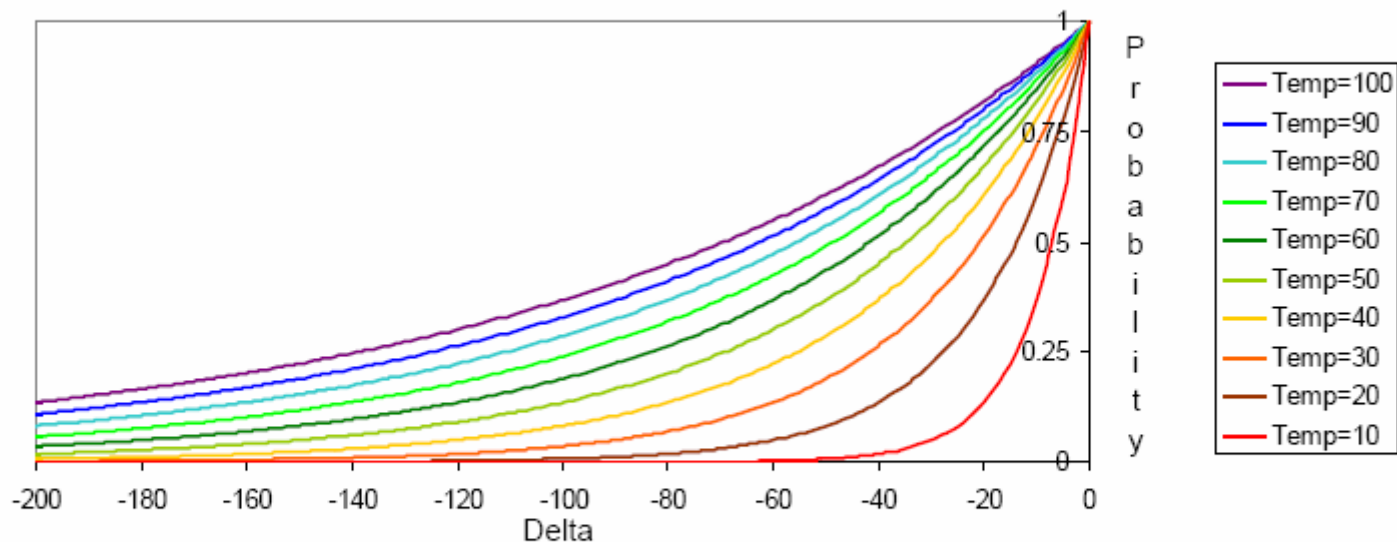


# Simulated Annealing

## □ Acceptance criterion and cooling schedule

if ( $\text{delta} \geq 0$ ) accept

else if ( $\text{random} < e^{\text{delta} / \text{Temp}}$ ) accept, else reject /\*  $0 \leq \text{random} \leq 1$  \*/



Initially temperature is very high (most bad moves accepted)

Temp slowly goes to 0, with multiple moves attempted at each temperature

Final runs with temp=0 (always reject bad moves) greedily “quench” the system