Stimulated Annealing Algerithm 1. Set current state = initial state 2. Choose on initial temperature set best state = current state set whent Every = craliale (current state) while temp>0 and iteration < mand_iteration for iteration= 1 to maxiteration do new State = generale Neighber (current state new trongy - evaluate (new State) energy Difference = new Energy - Cornert Every if energy Difference <0 then current State - ren State ament Energy = new Energy best State = Current State

best Evergy = unrent Evergy

Else 1. Accept with a certain probability 2- Herept Probability-exp(-tressy von 2- Herest Probability - exp(- Every Oisterne) 3. It random (O, 1) < acceptance Probability 1. circut Stete = new State 2. whent Energy = new Elesy 11 cool down temperature temperative = temperative cooling Rake Peturn best take 2+1+1+1+0+0+1+1

3+1+1+1+1

