23K-0047 Assignment 2
Trestructed &
82 Initial Population.
[3.3.223.22] [2.2.3.1321] [3.3.11222] [-1.2.3.113.27]
- And Andrew State of the Angree of the Angr
The state of the s
Until all B in total
Then fitness we calculate the fitness & example: I-90, -80, -87, -82, -81, -78.]
example: [-90, -80, -87, -87, -87, -707
( 20, 0. 7, 0.)
Then through roulette wheel the probabilities are calculated: [0:180,0:160,0:174,0:164,0:162,
are calculated. [0:120 are a 1214 - 1811
180,0160,01114,0164,0162,
0.126]
$\mathcal{I}_{\mathcal{I}} = \mathcal{I}_{\mathcal{I}} = \mathcal{I}_{\mathcal{I}}$
Then 2 parents are selected based on the
probabilities, pos
parents 11 [ 3 5 - 7 3 2 2 ]
parent 2: [2231321]

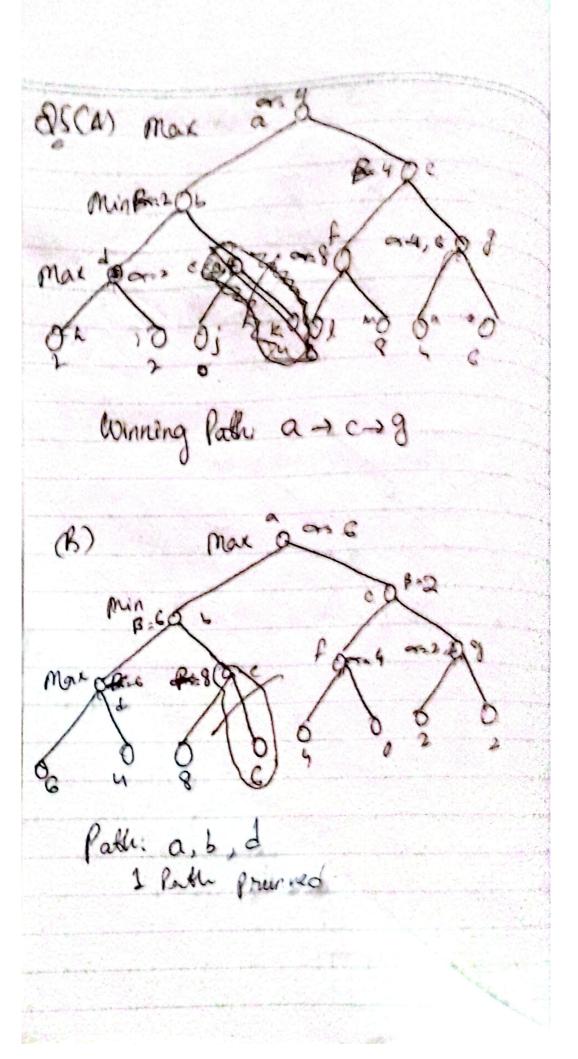
Thun children are generated through

**CS** CamScanner

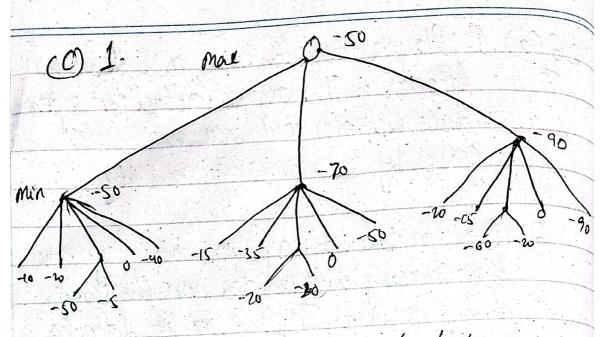
C1.[3123121], C2=[333 Then both one midated:

C1 = [331221]

C2 = [3232223] All the produced chibren are now the new population. This whole pricess is tregented until the best solution is howell to the minimum fibers value for the



Attacker will maximize rattack for system while defender will maximize rattack for system Scotte by see inviewing security 2- Decision taken by a player would try mose their score by a more and nun the score of the apponent. In case of A Jesender the defender will try to increase his security score by minimizing the attackers affact Seone while affactur will max its attack Score and minimize defenders defence score. 3- The ad defender will have to look out for multiple options by fracting attack probabilities or a consider of the control of Deploy Fineward Police Typore Herts Potet Real entire -10 -20 sil



Defenders best option is to deploy a sinewall, cost = -50

(C)(2) Assuming a real attack is done then the rust of the branches will be prund leaving only one branch behind each

(d) 1-Firewall: -50\*0.5+C-5x00=-27.5 Patch: -70x0.5+-20x0.5=-95 Ignore: -60\*05+-20\*05=46

2- The strategy would be to we the expected value as terminal mode.