Md. Sahil, 001710501029 287 ml sahil @gmail.com 8972931876

1. a) let fines value be number of 1' in the binary string.

Chromosom 1: 10000000101 - --- 3

Chromosom 2: 0/11/1 00010 - --- 3

Chromosom 3: 001010/0100 - --- 3

Chromosum 3: 001010/0100 --- 3

Chromosum 5: 00000000000

le Riversondia

1st generation.

(x)

1) 10000000000 -> 3

2) 0111100010 -> 5

3) 00101010100 - 1

4) 00000000000 -> 0

seleded pop -> (0111100010, 00101010100)

crosson probet = 0.8

assure vard () generals 0,5 => co crox roum ocang

001010100 0010

crossow sile

Pm = \$0.002

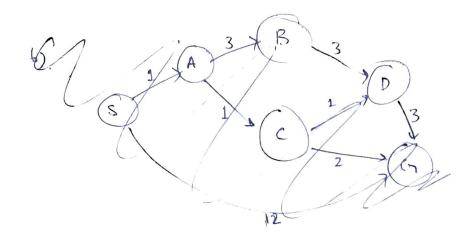
raul () = 0,1

no. be mulation

new populat.

10000000101

[MJ. Salvi



Aco populda

New population: 9

10000000000 -> 3

0 111100010 -> 5

00101010100 -> 4

X 00000000000 -> deletel

0 1111 0 101000 -> &

x 00.10/000010 -> 3 -> delato

100000000101 -3 3

0111100010 -> 5

60101010100 -> 4

011110101000 - 6

Selected pop -> (0111100010,01111010100)

rand () -> 0.33 . . media noccus,

DOSO YOU.

0111100010-

011111010100

> 01111 010100 -> 7

20111100010 - 5

road () + 0.001 to mutito cray

- nuistor : 00111010100 01111010100

0111100010

00101010100

1 1) i Grades

new pop -

× 100000000.101→3 → deleted 0111100010 → 5 00101010100 → 6 001111010100 → 6

1

mes x (m) ∞ 0111100010 → 5

00 111 0 10 100 → 6

00 111 0 10 100 → 6

He. Salil

6). (S) 1 (B) 3 (D) 3
3 (2)
12

iteration	OPEN S.J.	close set
Ö	S (0+4)	-
1	A(H2), G(12+6)	5(0+5)
2	(12+0), B(4+6), C(2+1)	s (0+4), & A (1+2)
3	B(4+6), D(3+3), G(4+6)	s(0+4), A(1+2), C(2+1)
4	B(4+1), D(3+3)	s(0+4), A(1+2), C(2+1), G(4+6)
		goal reached.

: path => 28 =, A, 6, 6}

Md Salui