Salerman Prostem with GA.

Finding the Shortest Path fol a halesfusion to take, given a Starting Point, and wikit every city exactly once and seturns to the Stenting Point.

540	City	Mumsai	Kol	Varanchi	Tasal	Visalanak	Jailar
. 1	Mum	0	1930	1454	1076	991	1152
2_	1C0 \	1930	0	684	1091	(211	10.85
2	Vay	1484	684	0	459	1427	sey
۶.,	Jasal	1096	1091	459	6	1046	508
4	Visagnah	901	1211	1427	1046	6	1619
લે	JONAY	1152	1582	1 584	1808	165	0.

Random	Poty leuden = Fritners	(ros	Engelly
34652	459+808+149+1211=4097	0.19	0.95
24356	109174597142771619 =4596	0.21	1.06
46532	008+1619+1427+684=4538	0-21	1.05
26534	1182+1619+1427+455=5057	0.23	1.18
6 4 3 2 5	505+419+614+1211 = 3162	0.14	0.73
	21,48	0	
Ave	429	6	1

Partially mapped Crowdover. !- Single Point

(vomever is not at all going to work.

-) Periral pour is copied and then the mapping. is used in Cromover.

PI: 3146512

r.: 6/435/2

mapping. child 1: 4 4 35 + = > 6 4352 4=4 cmd. 2 : * | 465| * = 34652 5 = 5

> Hore 2 is not Corticipaly in unspring.

Order intect and is Runiley Order Crossover: to roundly mapped.

3/465/2 =>2/4/65/2 =>3/465/2

884+459+1046+1211 =3620

3

Examples :- Prent 1: - A C BDE FG Perent- 2! - CD|BGA|EF.

mopping.

child 1:

ECIBGALFD.

child 2: CG| BDE|AF.

Order Crossover Examples.

PI: A C B DE) FG

D IBGAI EF P= :

child1: CD/BGA/EF

: CG/BDE/AF.