

Sheet1

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String No.	Initial Pop	x	f(x)	Pselect	E count
1	01100		12	144	0.08
2	11001		25	625	0.36
3	11011		27	729	0.42
4	10000		16	256	0.15
Sum				1754	1
Average				439	0.25
Max				729	0.42

Pool	Mate	Crossover site	New Population
11 001		4	2 11000
110 01		2	3 11101 (3 rd element m
110 01		3	3 11001
10 000		1	2 10001

String No.	Initial Pop	x	f(x)	Pselect	E count
1	11000		24	576	0.247104247
2	11101		29	841	0.360789361
3	11001		25	625	0.268125268
4	10001		17	289	0.123981124
Sum				2331	1
Average				582.75	0.25
Max				841	0.360789361

A count

0
1
2
1

4
1
2

utated)

A count (random values =
0.04, 0.28, 0.36, 0.99)

1
2
0
1

4
1
2