

Lab work 1

The most successful chromosome was on generation 241:

0111010000101011000000100010011011011111001101010100001101010011011100
0001011001

Its transition table:

State	Input	Action	New state
000	0	LEFT	110
000	1	RIGHT	000
001	0	RIGHT	101
001	1	RIGHT	000
010	0	FWD	100
010	1	LEFT	001
011	0	RIGHT	110
011	1	STAY	111
100	0	FWD	110
100	1	RIGHT	101
101	0	FWD	001
101	1	RIGHT	101
110	0	FWD	110
110	1	STAY	100
111	0	FWD	010
111	1	STAY	001

Movements of the chromosome:

									→	↑
									↑	
						→	→	↑		
						↑				
				→	→	↑				
		→	→	↑						
		↑								
→	→	↑								
↑	←	←	←	←	←					