Transformation Number

0 – Initial Condition	11	0	1
	1	1	10
	0	0	0

Each column of three represents:

1- Heard data – Ears

2-Thought – Brain

3- Spoken data - Mouth

1	0	0	1
	1	0	0
	0	11	0

2	10	11	1
	0	1	11
	11	1	10

3	0	11	1
	1	1	0
	11	0	0

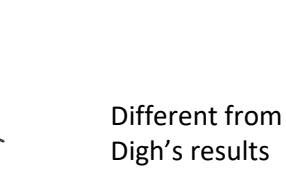
4	10	11	1
	0	1	11
	11	1	10

5	0	11	1
	1	1	0
	11	0	0

Digh's results – transformation 4 is same as 2, for a cycle length of 2 and transient length of 2 (permutation 0 and 1, before 2).

Transformation number

0 – Initial Condition	11	0	1
	1	1	10
	0	0	0
1	0	0	1
	1	0	0
	0	11	0
2	10	11	1
	0	1	11
	11	1	10
3	0	11	1
	1	1	0
	11	0	0
4	10	11	1
	0	1	11
	11	0	10



5	0	11	1
	1	1	0
	11	0	0

Longley results – transformation 5 is same as 3, for a cycle length of 2 and transient length of 3 (transformation 0 and 1, and 2, before 3).

Interconnection Matrix

To — Listen – new input Placed in ears, No transform

From — After transform, speak from

From \ To	1	2	3
1		1	
2	1		
3	1		

Position at Transformation 1, after 0 Input to algorithm.

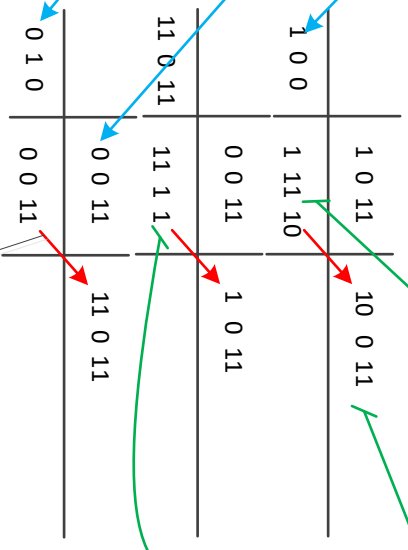
0	0	1
1	0	0
0	11	0

Transition Table

Input Hearing	Current Thought	Output Speaking	Next Thought
0	0	0	0
0	1	11	0
0	10	10	1
0	11	10	0
1	0	10	11
1	1	0	11
1	10	0	0
1	11	0	0
10	0	11	1
10	1	10	11
10	10	0	1
10	11	1	0
11	0	1	1
11	1	0	1
11	10	0	10
11	11	10	11

Algorithm Development

Spanning Path [1, 2], [2, 1], [3, 1]



Transform of 'from' Entry according to Transition table

The red arrows Are transfers of Information To ears of Target organism From the Mouth of Source organism

10	11	1
0	1	11
11	1	10

Position at Transformation 2 Output from algorithm.