The initial table $R^{(0)}$ is shown below.

	日	田	且	貝	回	甲	口	中	目	今	由	木	林
日	1	0.4	0.7	0.7	0.6	0.4	0.55	0.4	0.8	0.1	0.4	0.1	0.1
田	0.4	1	0.4	0.4	0.4	0.9	0.4	0.8	0.4	0.1	0.9	0.1	0.1
且	0.7	0.4	1	0.8	0.6	0.4	0.55	0.4	0.9	0.1	0.4	0.1	0.1
貝	0.7	0.4	0.8	1	0.6	0.4	0.55	0.4	0.8	0.1	0.4	0.1	0.1
回	0.6	0.4	0.6	0.6	1	0.4	0.8	0.4	0.6	0.1	0.4	0.1	0.1
甲	0.4	0.9	0.4	0.4	0.4	1	0.4	0.9	0.4	0.1	0.8	0.1	0.1
口	0.55	0.4	0.55	0.55	0.8	0.4	1	0.4	0.4	0.1	0.4	0.1	0.1
中	0.4	0.8	0.4	0.4	0.4	0.9	0.4	1	0.4	0.1	0.9	0.1	0.1
目	0.8	0.4	0.9	0.8	0.6	0.4	0.4	0.4	1	0.1	0.4	0.1	0.1
今	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1	0.1	0.3	0.3
由	0.4	0.9	0.4	0.4	0.4	0.8	0.4	0.9	0.4	0.1	1	0.1	0.1
木	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.1	1	0.85
林	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.1	0.85	1

The final $R^{(n)}$ table is shown below.

		1	2	3	4	5	6	7	8	9	10	11	12	13
		曰	田	且	具	回	甲	口	申	目	今	由	木	林
1	曰	0	0	0.8	0.8	0.6	0	0.6	0	0.8	0	0	0	0
2	田	0	0	0	0	0	0.9	0	0.9	0	0	0.9	0	0
3	且	0.8	0	0	0.8	0.6	0	0.6	0	0.9	0	0	0	0
4	具	0.8	0	0.8	0	0.6	0	0.6	0	0.8	0	0	0	0
5	回	0.6	0	0.6	0.6	0	0	0.8	0	0.6	0	0	0	0
6	甲	0	0.9	0	0	0	0	0	0.9	0	0	0.9	0	0
7	口	0.6	0	0.6	0.6	0.8	0	0	0	0.6	0	0	0	0
8	申	0	0.9	0	0	0	0.9	0	0	0	0	0.9	0	0
9	目	0.8	0	0.9	0.8	0.6	0	0.6	0	0	0	0	0	0
10	今	0	0	0	0	0	0	0	0	0	0	0	0	0
11	由	0	0.9	0	0	0	0.9	0	0.9	0	0	0	0	0
12	木	0	0	0	0	0	0	0	0	0	0	0	0	0.85
13	林	0	0	0	0	0	0	0	0	0	0	0	0.85	0

Iteration #1

I = {1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13}
C = { }
$a_{26} = a_{28} = a_{2\,11} = a_{39} = a_{68} = a_{6\,11} = a_{8\,11} = a_{12\,13} = 0.9$ are maximum. a_{28} is selected at random, then C = {2, 8}

$a_{26} + a_{66} = a_{8\,11} + a_{8\,11} = 0.9 + 0.9 = 1.8$ are maximum. j = 6 is selected at random, then C = {2, 6, 8}

$a_{2\,11} + a_{6\,11} + a_{8\,11} = 0.9 + 0.9 + 0.9 = 2.7$ is maximum, then C = {2, 6, 8, 11}

There are no such j, that $a_{2j} + a_{6j} + a_{8j} + a_{11\,j}$ is maximum, then C = {2, 6, 8, 11}

Iteration #2

I = {1, 3, 4, 5, 7, 9, 10, 12, 13}
C = { }

	1	3	4	5	7	9	10	12	13
1	0	0.8	0.8	0.6	0.6	0.8	0	0	0
3	0.8	0	0.8	0.6	0.6	0.9	0	0	0
4	0.8	0.8	0	0.6	0.6	0.8	0	0	0
5	0.6	0.6	0.6	0	0.8	0.6	0	0	0
7	0.6	0.6	0.6	0.8	0	0.6	0	0	0
9	0.8	0.9	0.8	0.6	0.6	0	0	0	0
10	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0.85
13	0	0	0	0	0	0	0	0.85	0

$a_{39} = a_{12\ 13} = 0.9$ are maximum and a_{39} is selected at random, then C = {3, 9}

$a_{31} + a_{91} = a_{34} + a_{94} = 0.8 + 0.8 = 1.6$ are maximum. j = 1 is selected at random, then C = {1, 3, 9}

$a_{14} + a_{34} + a_{94} = 0.8 + 0.8 + 0.8 = 2.4$ is maximum, then C = {1, 3, 4, 9}

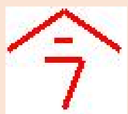
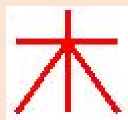
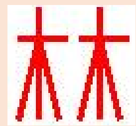
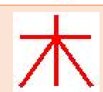
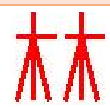
$a_{15} + a_{35} + a_{45} + a_{95} = a_{17} + a_{37} + a_{47} + a_{97} = 0.6 + 0.6 + 0.6 + 0.8 = 2.6$ are maximum. j = 7 is selected at random, then C = {1, 3, 4, 7, 9}

$a_{15} + a_{35} + a_{45} + a_{75} + a_{95} = 0.6 + 0.6 + 0.6 + 0.8 + 0.6 = 3.2$ is maximum, then C = {1, 3, 4, 5, 7, 9}

There are no such j, that $a_{1j} + a_{3j} + a_{4j} + a_{5j} + a_{7j} + a_{9j}$ is maximum.
Then C = {1, 3, 4, 5, 7, 9}

Iteration #3

I = {10, 12, 13}
C = { }

		10	12	13
				
10		0	0	0
12		0	0	0.85
13		0	0.85	0

$a_{12\ 13} = 0.85$ is maximum, then C = {12, 13}

There are no such j, that $a_{12j} + a_{13j}$ is maximum. Then C = {12, 13}

Iteration #3

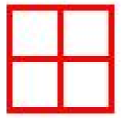
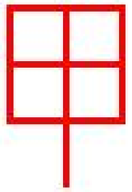
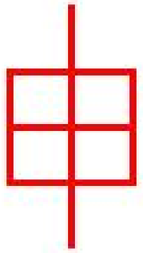
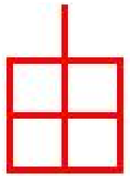
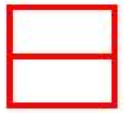
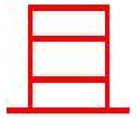
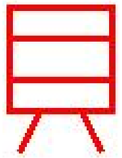
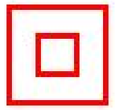
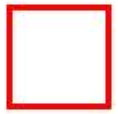
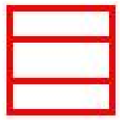
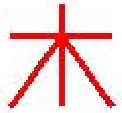
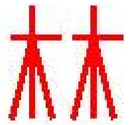
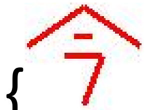
I = {10}
C = { }

		10
		
10		0

There are no such $a_{st} \neq 0$, then C = {10}

The result, when $\alpha = 0.55$, is 4 clusters {2, 6, 8, 11}, {1, 3, 4, 5, 7, 9}, {12, 13}, {10}

OR

{ , , ,  }, { , , , , ,  }, { ,  }, {  }