Input matrix

1	0	1	0
1	0	0	1
0	1	0	1
0	1	0	1
0	1	0	1
1	0	1	0
1	0	1	0

π

| 2 |
| 3 |
| 7 |
| 6 |
| 1 |
| 5 |
| 4 |

Permuted matrix

0	1	0	1