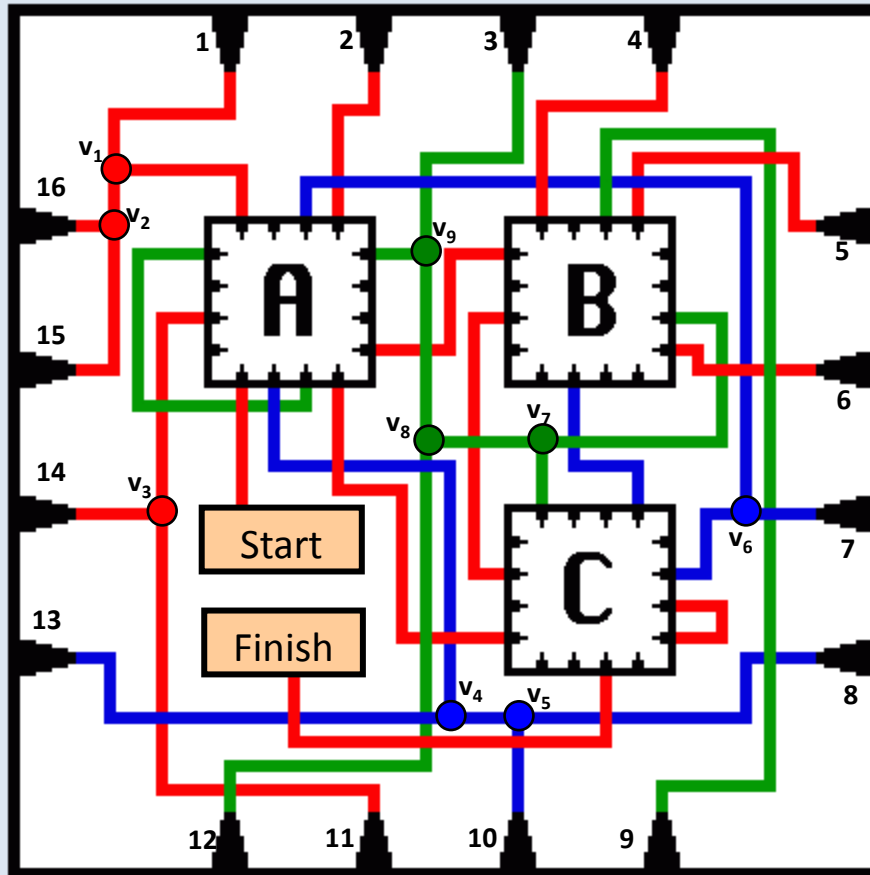


Fractal Maze



Designed by Mark J. P. Wolf.

Find a path from “Start” to “Finish”.

Each smaller square is a copy of the larger square.

Note that the edges are colored only as an aid in following the paths at crossing points.

Even though there are infinitely many “Finish” lines, you need to end on the largest one at the top level.

Can you find the solution with least number of transitions? Or the solution with minimal depth?

For example, from the “Start”, travel along the red edge and enter A. Inside A, you are on the green path at 12. You can travel up to vertex v_8 . You have the option of moving to vertex v_7 followed by going inside C (so the stack would be AC at 1) or going inside B (stack AB at 7) or moving to vertex v_9 followed by going inside A (stack AA at 5) or leaving A (at 3) and entering the top level along the blue path.

Fractal Maze Solution

Move	Description	Stack
1.	From "Start" enter A12	-
2.	From 12 leave 3	A
3.	From A3 enter C6	-
4.	From 6 enter B8	C
5.	From 8 enter A11	CB
6.	From 11 enter A14	CBA
7.	From 14 leave 11	CBAA
8.	From A11 leave 10	CBA
9.	From A10 enter A16	CB
10.	From 16 leave 1	CBA
11.	From A1 leave 16	CB
12.	From B16 enter A8	C
13.	From 8 enter A11	CA
14.	From 11 leave 14	CAA
15.	From A14 leave 11	CA
16.	From A11 leave 10	C
17.	From C10 go to "Finish"	-