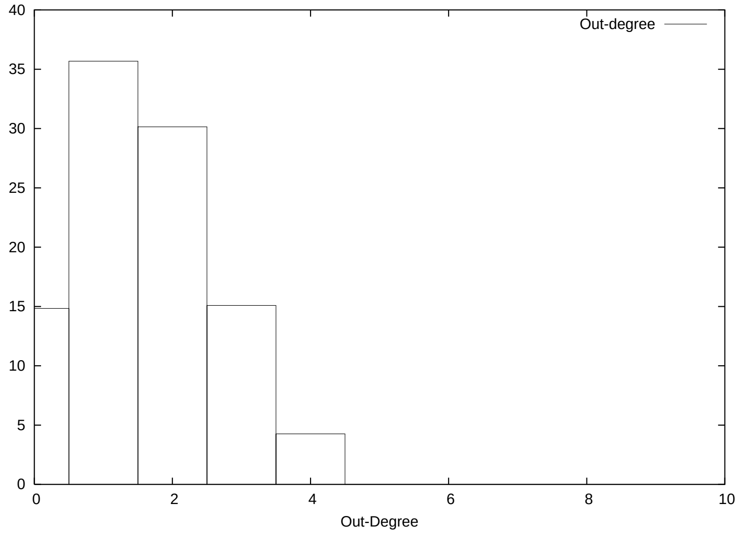
Graph: divine/bridge-4-5102025

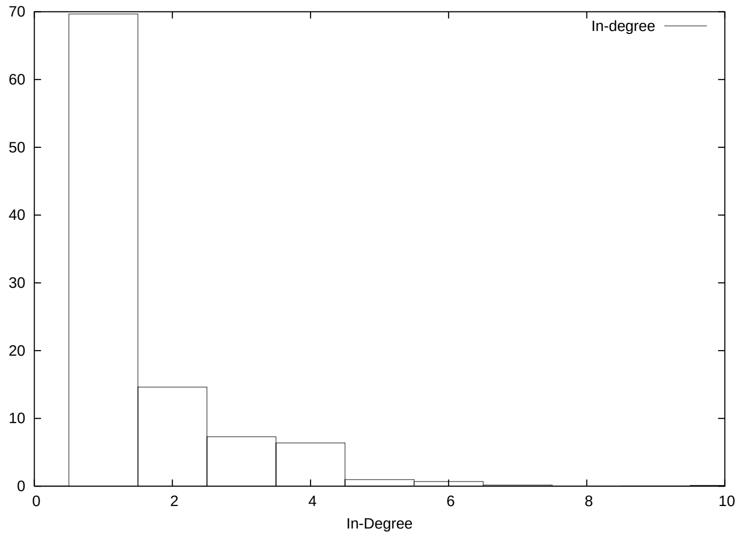
General Info

Example title	Bridge puzzle
Parameter	
Reduction	
Modification	
States	7,637
Edges	12,085
Average degree	1.5

Out-Degrees distribution:



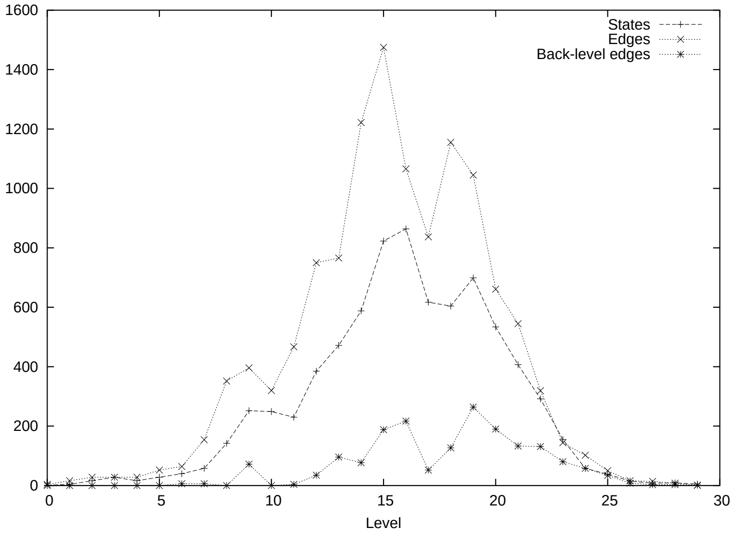
In-Degrees distribution:



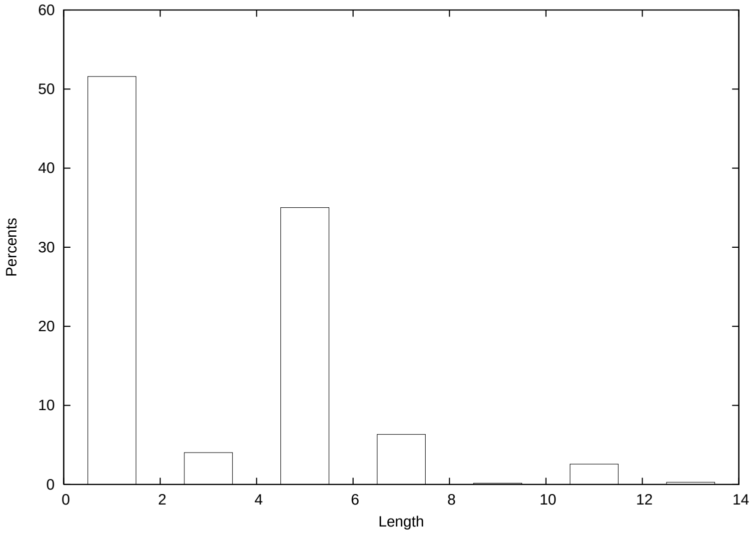
BFS Info

BFS height	29
BFS width	864 (11.3%)
Back level edges	1,785 (14.7%)

BFS level info:



Back level edges lengths:



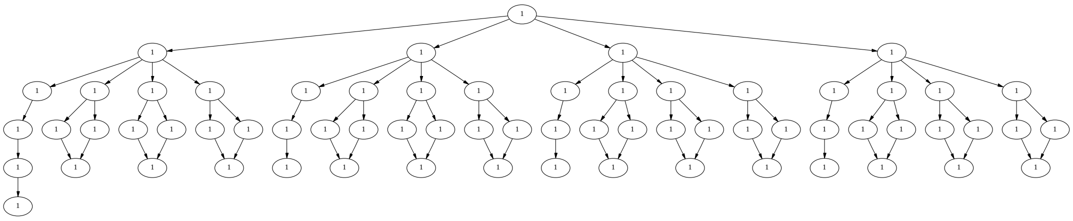
SCC Info

SCC components	7,637
SCC quetient height	57
SCC quetient nontrivial height	0
Number of terminal components	1,133
The largest component is	terminal

Statistics according to **sizes**:

Size	Number of components	Number of states here
1	7,637	100%

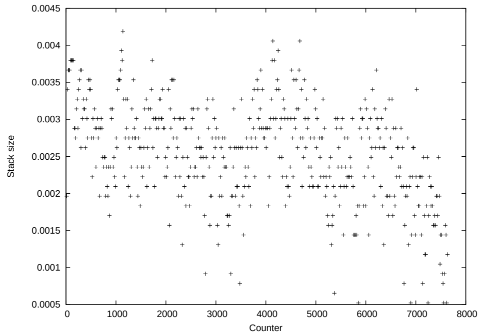
SCC component graph (part):



DFS Info

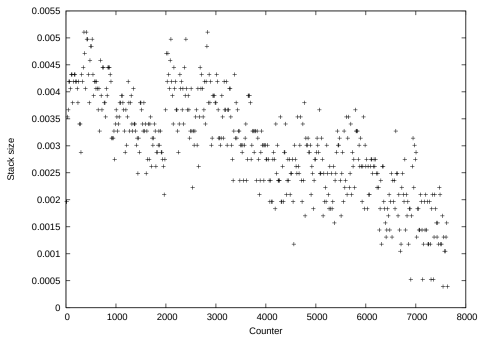
Run 0

front-edges : back-edges : cross-edges = 7,636 : 0 : 4,449 = 63.1%:0%:36.8%
Max. stack size: 33 (0.4%)
Shortest cycle detected: -1
Most often detected lengths of cycles: (), (), (), (), ()
Stack graph:



Run 1

front-edges : back-edges : cross-edges = 7,636 : 0 : 4,449 = 63.1%:0%:36.8%
Max. stack size: 40 (0.5%)
Shortest cycle detected: -1
Most often detected lengths of cycles: (), (), (), (), ()
Stack graph:



Local Structure

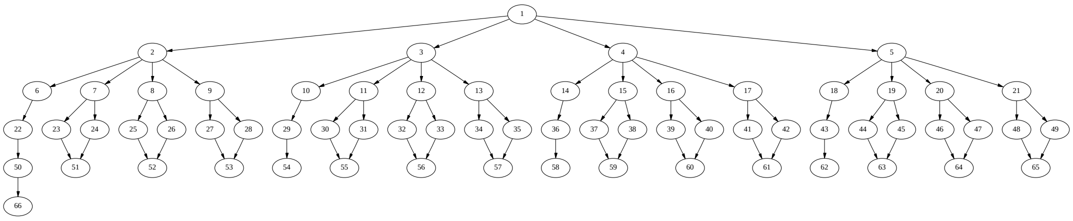
Short cycles(up to 6)
none
Diamonds

702 (9.1%)

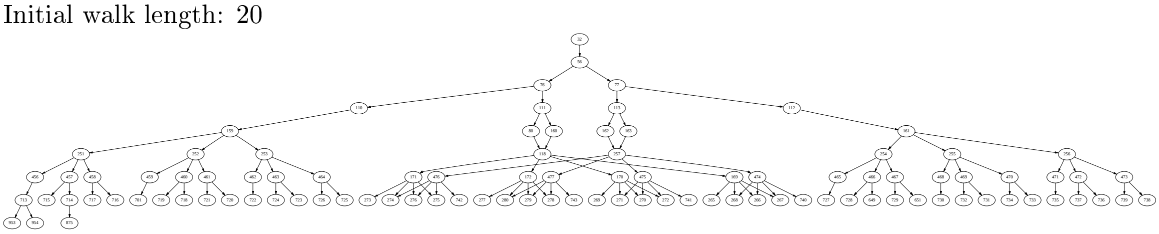
Neighborhoods

k	avg size	avg clustering
1	2.5	1
2	5.2	1
3	9.7	1
4	16.9	1

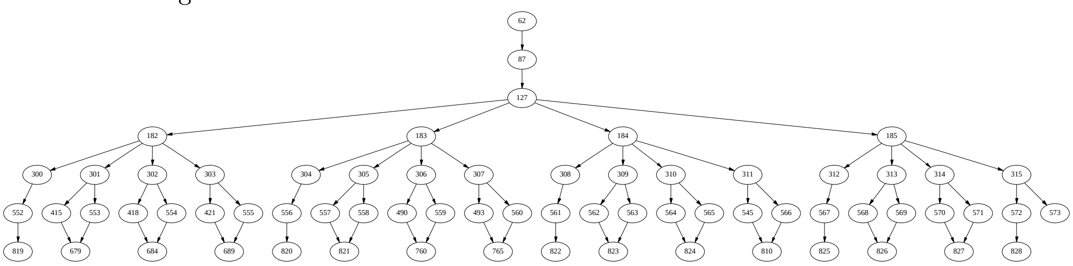
Visualization of some parts of the state state space:
Initial walk length: 0



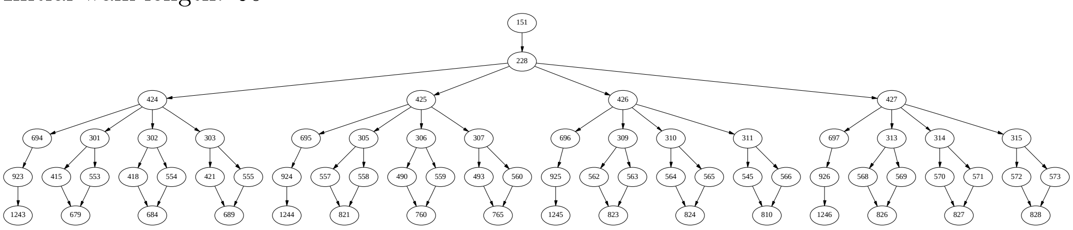
Initial walk length: 20



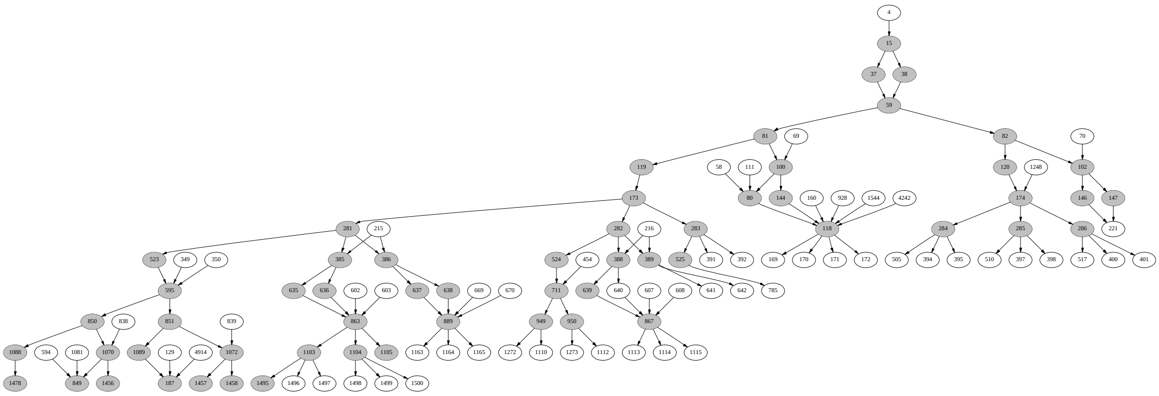
Initial walk length: 40



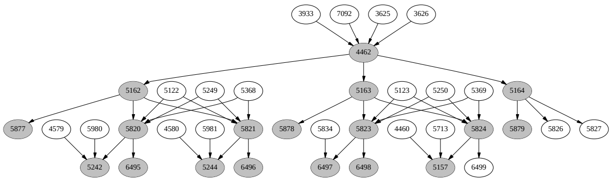
Initial walk length: 60



Initial walk length: 20



Initial walk length: 40



Initial walk length: 60