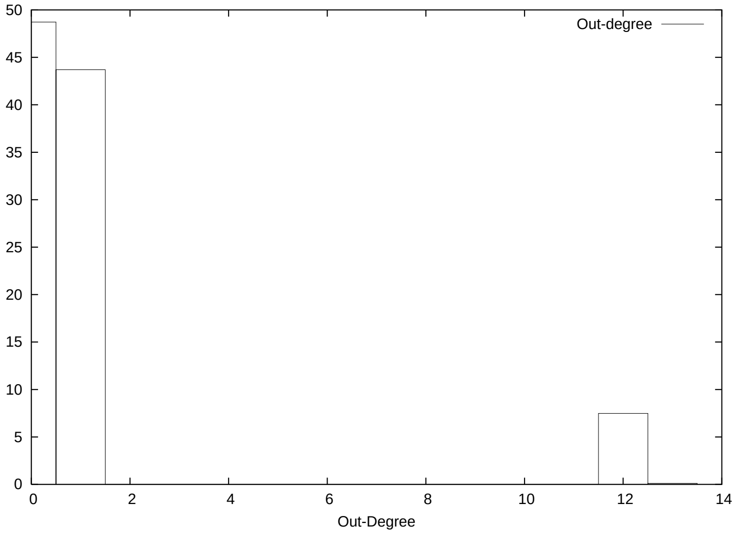
Graph: spin/test2-rw6

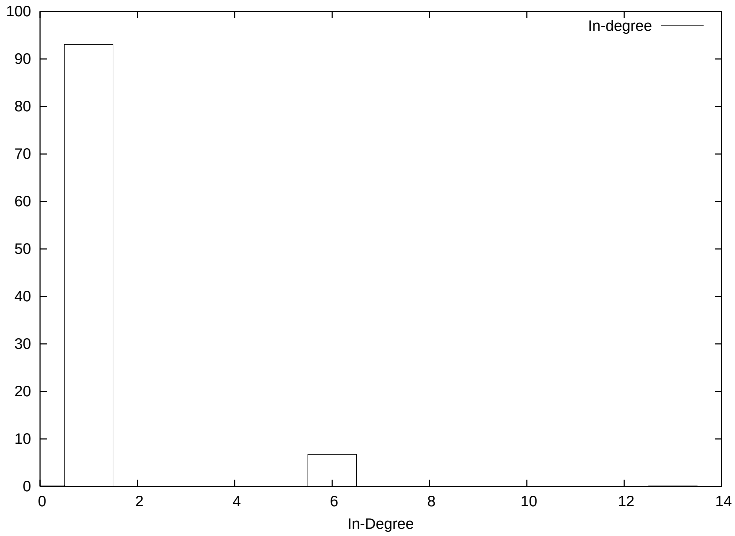
General Info

Example title	Readers, writers
Parameter	6
Reduction	
Modification	
States	936
Edges	1,262
Average degree	1.3

Out-Degrees distribution:



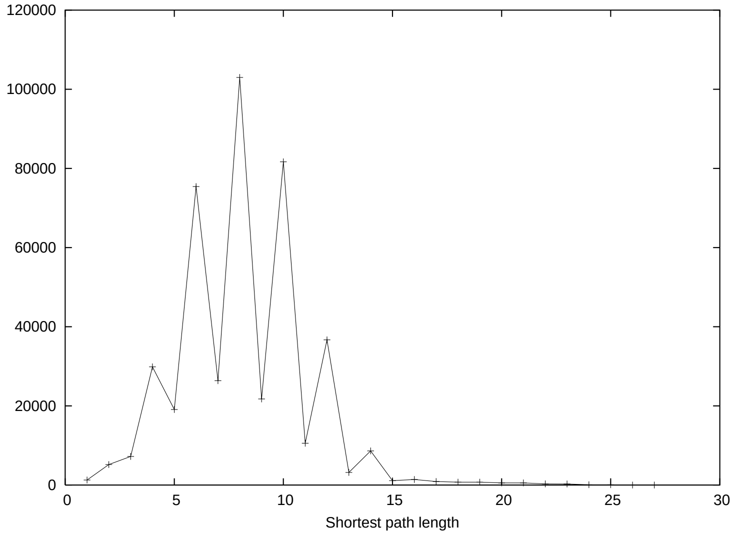
In-Degrees distribution:



Shortest Paths Info

Diameter: 27
Average shortest path length: 8.15671

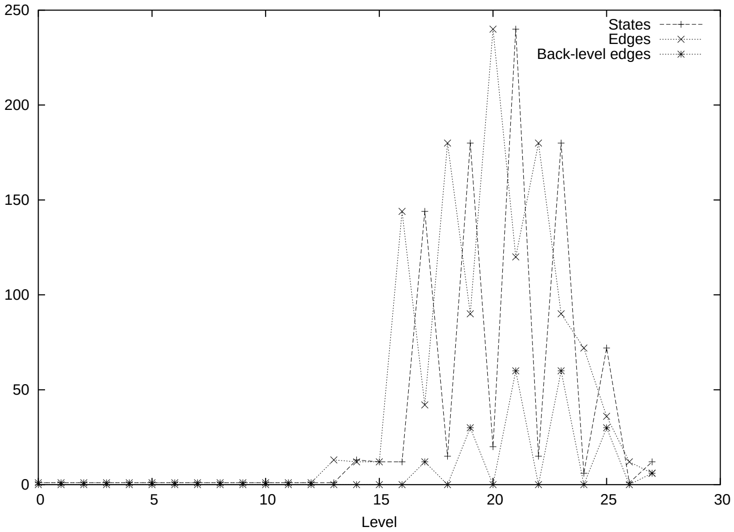
Shortest paths lengths frequencies:



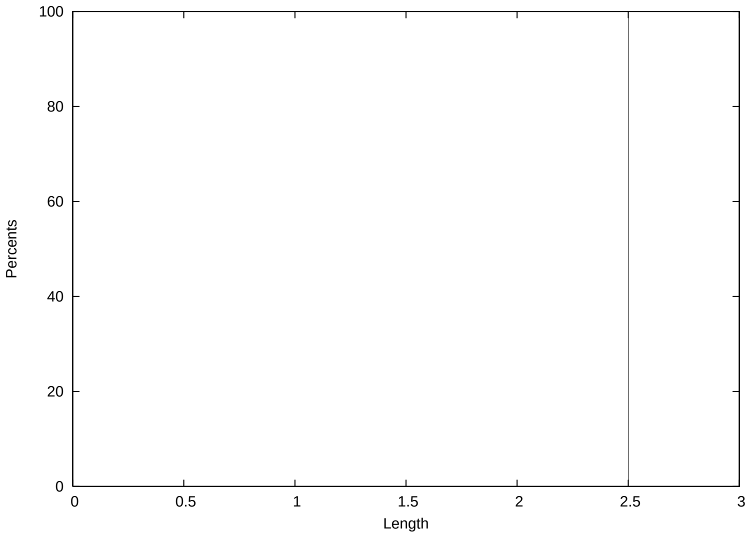
BFS Info

BFS height	27
BFS width	240 (25.6%)
Back level edges	198 (15.6%)

BFS level info:



Back level edges lengths:



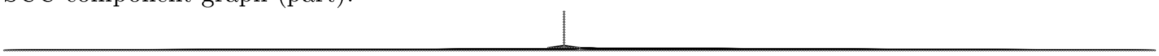
SCC Info

SCC components	471
SCC quetient height	15
SCC quetient nontrivial height	2
Number of terminal components	456
The largest component is	intermediate

Statistics according to **sizes**:

Size	Number of components	Number of states here
466	1	49.7%
1	470	50.2%

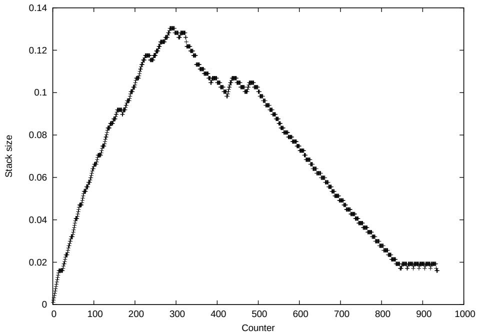
SCC component graph (part):



DFS Info

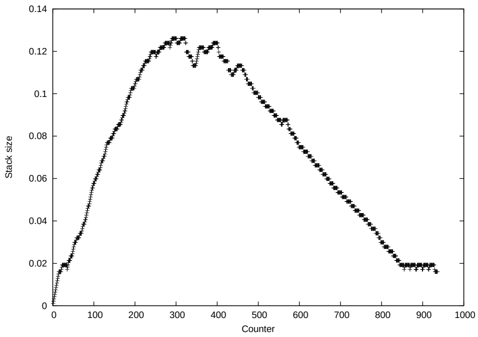
Run 0

front-edges : back-edges : cross-edges = 935 : 198 : 129 = 74%:15.6%:10.2%
Max. stack size: 122 (13%)
Shortest cycle detected: 4
Most often detected lengths of cycles: 4 (69), 8 (13), 24 (11), 32 (9), 52 (9)
Stack graph:



Run 1

front-edges : back-edges : cross-edges = 935 : 198 : 129 = 74%:15.6%:10.2%
Max. stack size: 118 (12.6%)
Shortest cycle detected: 4
Most often detected lengths of cycles: 4 (69), 8 (10), 12 (9), 56 (9), 84 (8)
Stack graph:



Local Structure

Short cycles(up to 6)

2	0	(0%)
3	0	(0%)
4	466	(49.7%)

Diamonds

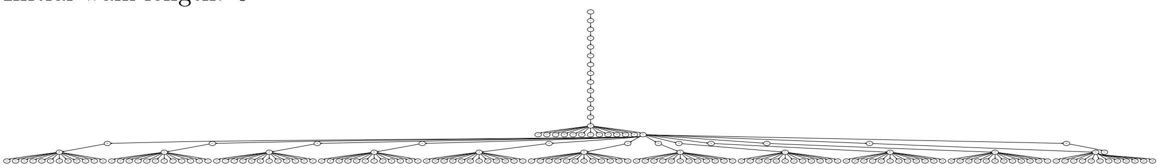
0 (0%)

Neighborhoods

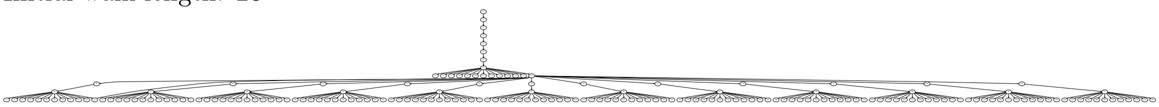
k	avg size	avg clustering
1	2.3	1
2	7.8	1
3	15.5	1
4	47.5	1

Visualization of some parts of the state state space:

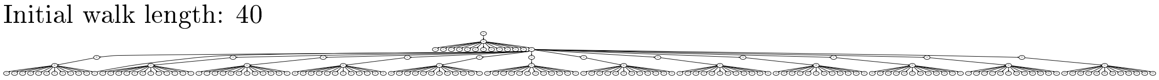
Initial walk length: 0



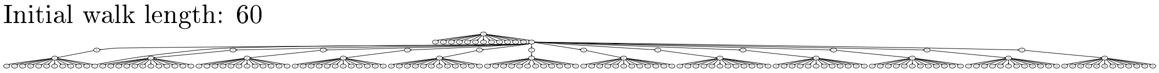
Initial walk length: 20



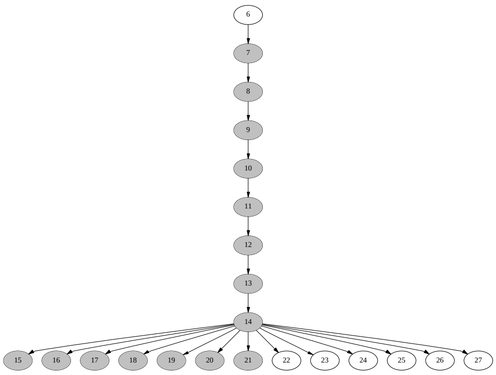
Initial walk length: 40



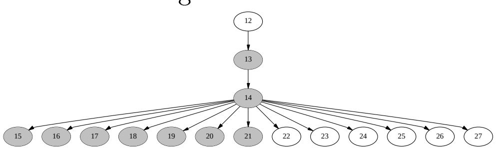
Initial walk length: 60



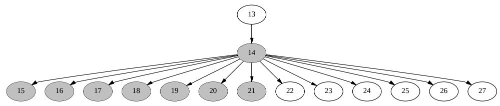
Initial walk length: 20



Initial walk length: 40



Initial walk length: 60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