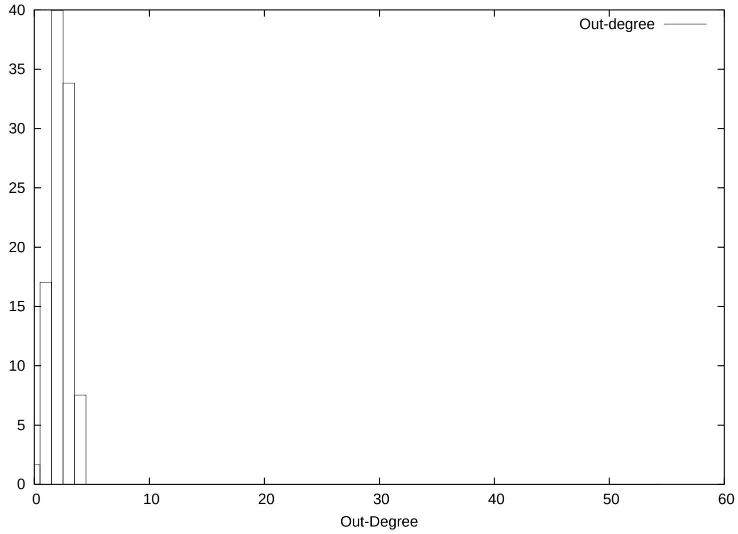
Graph: divine/small

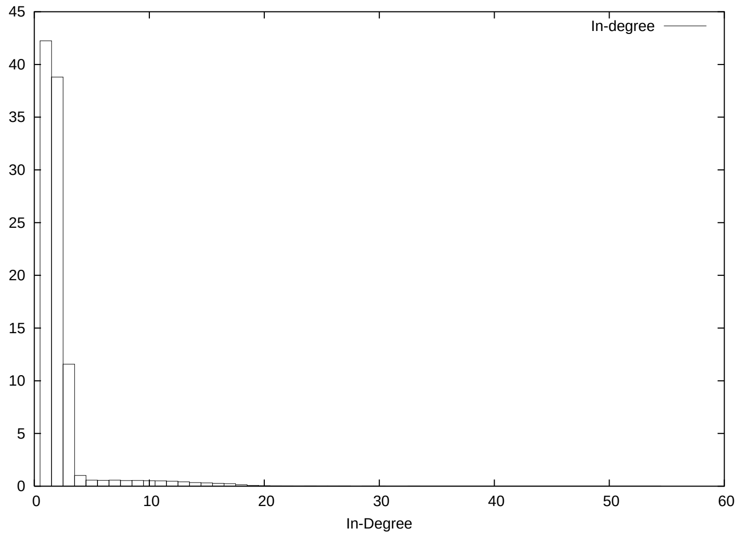
General Info

Example title	Jobshop scheduling
Parameter	
Reduction	
Modification	
States	145,494
Edges	332,500
Average degree	2.2

Out-Degrees distribution:



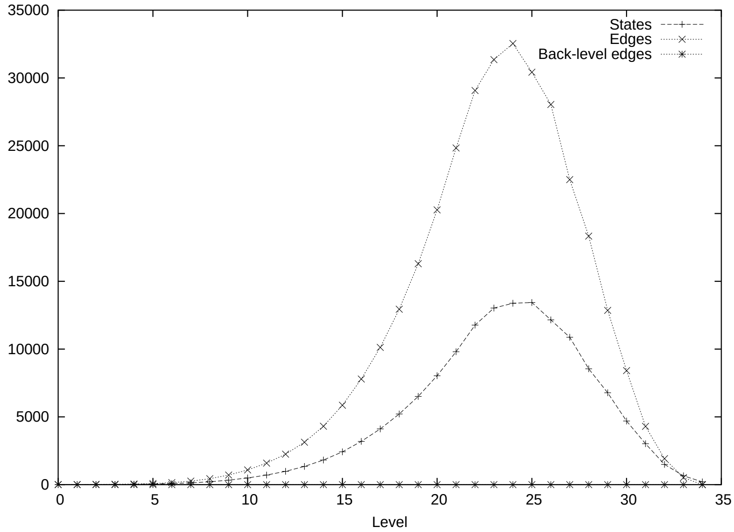
In-Degrees distribution:



BFS Info

BFS height	34
BFS width	13,433 (9.2%)
Back level edges	0 (0%)

BFS level info:



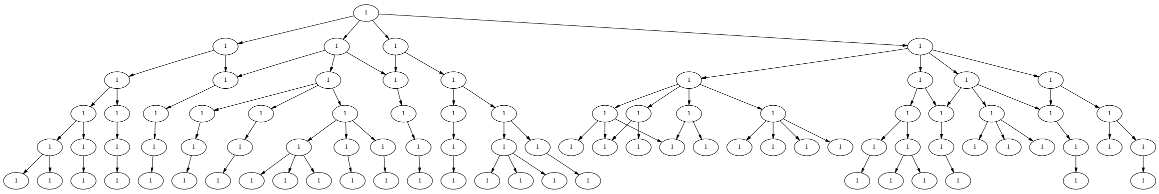
SCC Info

SCC components	145,494
SCC quetient height	34
SCC quetient nontrivial height	0
Number of terminal components	2,403
The largest component is	terminal

Statistics according to **sizes**:

Size	Number of components	Number of states here
1	145,494	100%

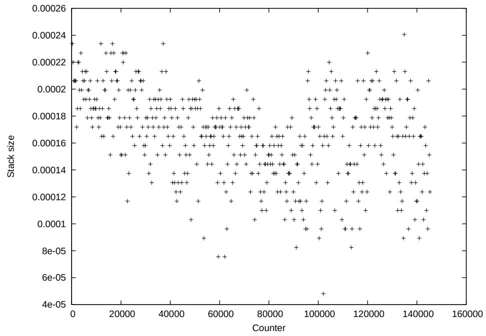
SCC component graph (part):



DFS Info

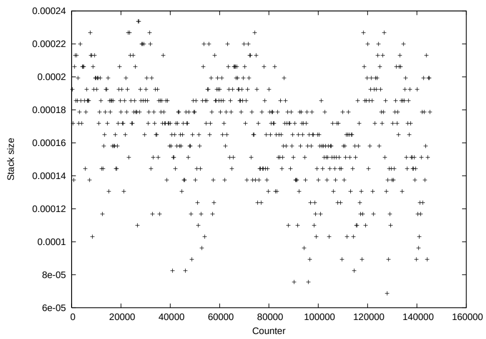
Run 0

front-edges : back-edges : cross-edges = 145,493 : 0 : 187,007 = 43.7%:0%:56.2%
Max. stack size: 35 (0%)
Shortest cycle detected: -1
Most often detected lengths of cycles: (), (), (), (), ()
Stack graph:



Run 1

front-edges : back-edges : cross-edges = 145,493 : 0 : 187,007 = 43.7%:0%:56.2%
Max. stack size: 35 (0%)
Shortest cycle detected: -1
Most often detected lengths of cycles: (), (), (), (), ()
Stack graph:



Local Structure

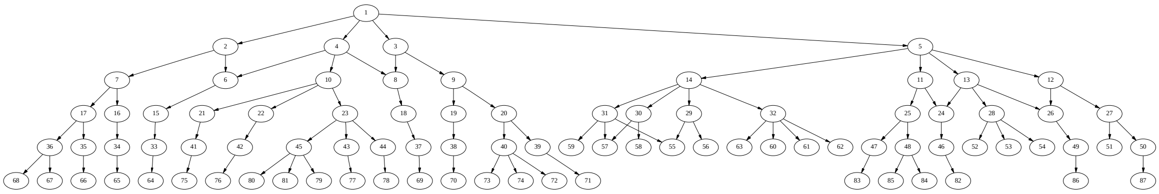
Short cycles(up to 6)
none
Diamonds

93,877 (64.5%)

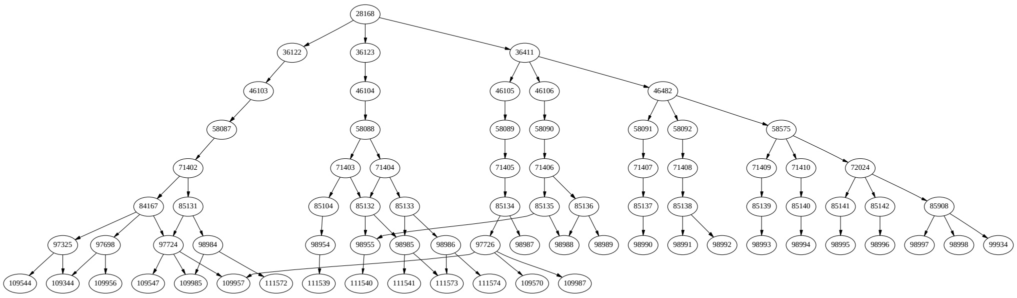
Neighborhoods

k	avg size	avg clustering
1	3.2	1
2	7	1.1
3	12.4	1.2
4	20.1	1.2

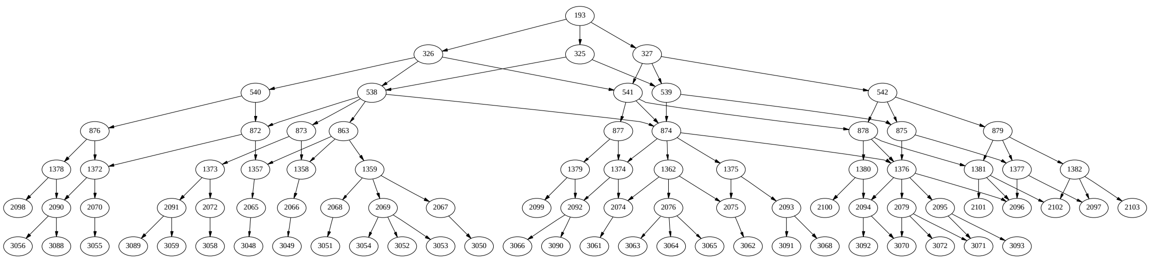
Visualization of some parts of the state state space:
Initial walk length: 0



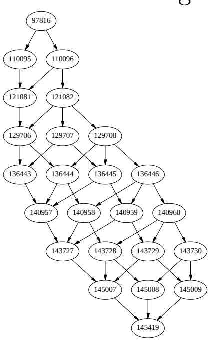
Initial walk length: 20



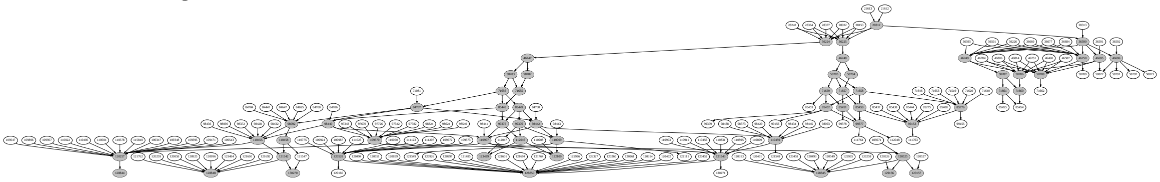
Initial walk length: 40



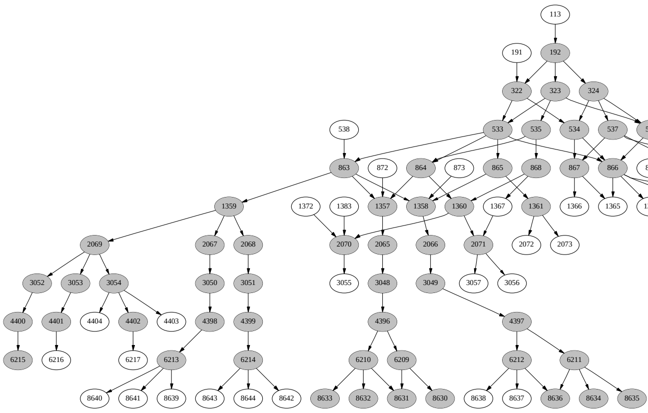
Initial walk length: 60



Initial walk length: 20



Initial walk length: 40



Initial walk length: 60