Summary

Sink States: $0(0 \times 10^0)$

Table 1: Pulse Analysis Summary

Classes	Methods	States	Unsatisfiable Clauses	Unreachable States	Possible concurrent Methods	Total. no. of pairs	No. of concurrent pairs	Percentage of concurrent Methods
SeqShellSort	5	1	0	0	2	15	3	20
Client	2	1	0	0	0	3	0	0
Total Classes=2	7	2	0	0	2	18	3	17

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1 SeqShellSort

Table 2: Methods Requires Clause Satisfiability

Method	Satisfiability
SeqShellSort	
InitializeColl	\checkmark
displayArray	
Sort	\checkmark
isSorted	

Table 3: State Transition Matrix

	alive
alive	1

Table 4: Methods Concurrency Matrix

	SeqShellSort	InitializeColl	displayArray	Sort	isSorted
SeqShellSort	#	#	#	#	\parallel
InitializeColl	#	#	#	#	#
displayArray	 	#		#	
Sort	#	#	#	#	#
isSorted	#	#		#	

2 Client

Table 5: Methods Requires Clause Satisfiability

Method	Satisfiability
Client	
main	$\sqrt{}$

Table 6: State Transition Matrix



Table 7: Methods Concurrency Matrix

	Client	main
Client	#	#
main	\parallel	#

3 Abbreviation

Table 8: Used Abbreviation

Symbol	Meaning
	requires clause of the method is satisfiable
X	requires clause of the method is unsatisfiable
↑	The row-state can be transitioned to the column-state
×	The row-state cannot be transitioned to the column-state
	The row-method can be possibly executed parallel with the column-method
 	The row-method cannot be executed parallel with the column-method

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