Summary

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

Table 1: Sip4J Analysis Summary

Ses	hods	sez	Unreachable clauses	Unreachable states	Possible concurrent methods	Total. no. of method pairs	No. of concurrent method pairs	Percentage of concurrent methods pairs
Classes	Methods	States	Unreach	Unreach	Possible		No. of	l
Fibonacci	4	1	0	0	2	10	3	30
Total Classes=1	4	1	0	0	2	10	3	30

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1 Fibonacci

 ${\it Table 2: Method's Satisfiability} ({\it Code Reachability Analysis}$

Method	Satisfiability
Fibonacci	
computeFibo	
main	
display	$\sqrt{}$

Table 3: State Transition Matrix



Table 4: Methods Concurrency Matrix

	Fibonacci	computeFibo	main	display
Fibonacci	#	#	#	#
computeFibo	#		#	
main	#	#	#	#
display	 		 	

2 Abbreviation

Table 5: Used Abbreviation

Symbol	Meaning
	requires clause of the method is satisfiable
×	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

3 Annotated version of the input program generated by Sip4J