## 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
SeqIntegral	5	1	0	0	4	15	10	67
Total Classes=1	5	1	0	0	4	15	10	67

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## 1 SeqIntegral

Table 2: Methods Requires Clause Satisfiability

Method	Satisfiability
SeqIntegral	
compute	
main	
f	
display	

Table 3: State Transition Matrix

	alive
alive	<b>↑</b>

Table 4: Methods Concurrency Matrix

	SeqIntegral	compute	main	f	display
SeqIntegral	#	#	#	#	#
compute	#				
main	#				
f	#				
display	#				

## 2 Abbreviation

Table 5: Used Abbreviation

Symbol	Meaning
	requires clause of the method is satisfiable
×	requires clause of the method is unsatisfiable
<b>↑</b>	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 Sequential Java Program generated by Sip4j