

Coverage Report for III_ph_VSI

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Analysis Information

Coverage Data Information

Collected in version (R2022a)

Model Information

Model version 1.6
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Last saved Fri Apr 08 22:08:42 2022

Simulation Optimization Options

Default parameter behavior tunable
Block reduction on
Conditional branch optimization on

Coverage Options




Analyzed model III_ph_VSI
Logic block short circuiting off

Tests

Test#	Started execution	Ended execution
Test 1	08-Apr-2022 22:08:56	08-Apr-2022 22:08:56

Summary

Model Hierarchy/Complexity Test 1

	Decision	Execution
1. III_ph_VSI	4 100% 	100%  

2. . . .	DC Current	NA	100%	
3. . . .	RL 3	NA	100%	<div></div>
4. . . .	RL1	NA	100%	<div></div>
5. . . .	RL2	NA	100%	<div></div>

Details

1. Model "III_ph_VSI"

Child Systems: [DC Current](#), [RL 3](#), [RL1](#), [RL2](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	1	4
Decision	NA	100% (6/6) decision outcomes
Execution	NA	100% (33/33) objective outcomes

Full Coverage

Model Object	Metric
Fcn block " Fcn "	Execution
Fcn block " Fcn1 "	Execution
Fcn block " Fcn2 "	Execution
Fcn block " Fcn3 "	Execution
Fcn block " Fcn4 "	Execution
Fcn block " Fcn5 "	Execution
Fcn block " Fcn6 "	Execution
Fcn block " Fcn7 "	Execution
Fcn block " Fcn8 "	Execution
Switch block " Switch "	Decision, Execution
Switch block " Switch1 "	Decision, Execution
Switch block " Switch2 "	Decision, Execution
Constant block " Constant "	Execution
Constant block " Constant1 "	Execution
Sin block " Sine Wave "	Execution
Sin block " Sine Wave1 "	Execution
Sin block " Sine Wave2 "	Execution

2. SubSystem block "[DC Current](#)"

[Justify or Exclude](#)

Parent: [/III_ph_VSI](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	0	0
Execution	NA	100% (4/4) objective outcomes

Full Coverage

Model Object	Metric
Product block " Product "	Execution
Product block " Product1 "	Execution
Product block " Product2 "	Execution
Sum block " Add3 "	Execution

3. SubSystem block "[RL 3](#)"

[Justify or Exclude](#)

Parent: [/III_ph_VSI](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	0	0
Execution	NA	100% (4/4) objective outcomes

Full Coverage

Model Object	Metric
Gain block " Gain "	Execution
Gain block " Gain1 "	Execution
Sum block " Add "	Execution
Integrator block " Integrator "	Execution

4. SubSystem block "[RL1](#)"

[Justify or Exclude](#)

Parent: [/III_ph_VSI](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	0	0
Execution	NA	100% (4/4) objective outcomes

Full Coverage

Model Object	Metric
Gain block " Gain "	Execution
Gain block " Gain1 "	Execution
Sum block " Add "	Execution
Integrator block " Integrator "	Execution

5. SubSystem block "[RL2](#)"

[Justify or Exclude](#)

Parent: [/III_ph_VSI](#)

Metric	Coverage (this object)	Coverage (inc. descendants)
Cyclomatic Complexity	0	0
Execution	NA	100% (4/4) objective outcomes

Full Coverage

Model Object	Metric
Gain block " Gain "	Execution
Gain block " Gain1 "	Execution
Sum block " Add "	Execution
Integrator block " Integrator "	Execution