**Metrics for net Petri net**

**Density metric**

0.03225806451612903

**Details**

|F| = 66

|P X T| = 1023

**Extended Cardoso metric**

30.0

**Details**

Place source 5 = 1

Place sink 6 = 0

Place sink 7 = 1

Place sink 8 = 1

Place sink 9 = 1

Place sink 10 = 1

Place sink 11 = 1

Place sink 12 = 1

Place sink 13 = 1

Place sink 14 = 1

Place sink 15 = 1

Place sink 16 = 1

Place sink 17 = 1

Place sink 18 = 1

Place sink 19 = 1

Place sink 20 = 1

Place sink 21 = 1

Place sink 22 = 1

Place sink 23 = 1

Place sink 24 = 1

Place sink 25 = 1

Place sink 26 = 1

Place sink 27 = 1

Place sink 28 = 1

Place sink 29 = 1

Place sink 30 = 1

Place sink 31 = 1

Place sink 32 = 1

Place sink 33 = 1

Place sink 34 = 1

Place sink 35 = 1

Metric = 30

**Extended Cyclomatic metric**

33.0

**Details**

|E| = 33

|V| = 31

p = 31

**Number of arcs**

66.0

**Details**

**Number of places**

31.0

**Details**

**Number of transitions**

33.0

**Details**

**Structuredness metric**

36.0

**Details**

SEQUENCE sink 7

Removed place sink 7

Added arc from Open to sink 8

Removed transition Operator Update

Sum = 2.0

Metric = 2.0

SEQUENCE sink 8

Removed place sink 8

Added arc from Open to sink 9

Removed transition Reassignment

Sum = 3.0

Metric = 3.0

SEQUENCE sink 9

Removed place sink 9

Added arc from Open to sink 10

Removed transition Assignment

Sum = 4.0

Metric = 4.0

SEQUENCE sink 10

Removed place sink 10

Added arc from Open to sink 11

Removed transition Status Change

Sum = 5.0

Metric = 5.0

SEQUENCE sink 11

Removed place sink 11

Added arc from Open to sink 12

Removed transition Assignment

Sum = 6.0

Metric = 6.0

SEQUENCE sink 12

Removed place sink 12

Added arc from Open to sink 13

Removed transition Reassignment

Sum = 7.0

Metric = 7.0

SEQUENCE sink 13

Removed place sink 13

Added arc from Open to sink 14

Removed transition Update

Sum = 8.0

Metric = 8.0

SEQUENCE sink 14

Removed place sink 14

Added arc from Open to sink 15

Removed transition Reassignment

Sum = 9.0

Metric = 9.0

SEQUENCE sink 15

Removed place sink 15

Added arc from Open to sink 16

Removed transition Update

Sum = 10.0

Metric = 10.0

SEQUENCE sink 16

Removed place sink 16

Added arc from Open to sink 17

Removed transition Assignment

Sum = 11.0

Metric = 11.0

SEQUENCE sink 17

Removed place sink 17

Added arc from Open to sink 18

Removed transition Assignment

Sum = 12.0

Metric = 12.0

SEQUENCE sink 20

Removed place sink 20

Added arc from Reassignment to sink 21

Removed transition Operator Update

Sum = 2.0

Metric = 2.0

SEQUENCE sink 21

Removed place sink 21

Added arc from Reassignment to sink 22

Removed transition Operator Update

Sum = 3.0

Metric = 3.0

SEQUENCE sink 22

Removed place sink 22

Added arc from Reassignment to sink 23

Removed transition Reassignment

Sum = 4.0

Metric = 4.0

SEQUENCE sink 23

Removed place sink 23

Added arc from Reassignment to sink 24

Removed transition Assignment

Sum = 5.0

Metric = 5.0

SEQUENCE sink 26

Removed place sink 26

Added arc from Assignment to sink 27

Removed transition Operator Update

Sum = 2.0

Metric = 2.0

SEQUENCE sink 27

Removed place sink 27

Added arc from Assignment to sink 28

Removed transition Status Change

Sum = 3.0

Metric = 3.0

SEQUENCE sink 28

Removed place sink 28

Added arc from Assignment to sink 29

Removed transition Assignment

Sum = 4.0

Metric = 4.0

SEQUENCE sink 29

Removed place sink 29

Added arc from Assignment to sink 30

Removed transition Operator Update

Sum = 5.0

Metric = 5.0

SEQUENCE sink 30

Removed place sink 30

Added arc from Assignment to sink 31

Removed transition Assignment

Sum = 6.0

Metric = 6.0

SEQUENCE sink 31

Removed place sink 31

Added arc from Assignment to sink 32

Removed transition Status Change

Sum = 7.0

Metric = 7.0

SEQUENCE sink 32

Removed place sink 32

Added arc from Assignment to sink 33

Removed transition Assignment

Sum = 8.0

Metric = 8.0

SEQUENCE sink 33

Removed place sink 33

Added arc from Assignment to sink 34

Removed transition Reassignment

Sum = 9.0

Metric = 9.0

SEQUENCE sink 34

Removed place sink 34

Added arc from Assignment to sink 35

Removed transition Assignment

Sum = 10.0

Metric = 10.0

CHOICE Assignment

Removed transition Operator Update

Sum = 2.0

Metric = 3.0

SEQUENCE sink 18

Removed place sink 18

Added arc from Open to sink 19

Removed transition Assignment

Sum = 15.0

Metric = 15.0

SEQUENCE sink 19

Removed place sink 19

Added arc from Open to sink 24

Removed transition Reassignment

Sum = 20.0

Metric = 20.0

CHOICE Reassignment

Removed transition Update

Sum = 2.0

Metric = 3.0

SEQUENCE sink 24

Removed place sink 24

Added arc from Open to sink 25

Removed transition Reassignment

Sum = 23.0

Metric = 23.0

SEQUENCE sink 25

Removed place sink 25

Added arc from Open to sink 35

Removed transition Assignment

Sum = 33.0

Metric = 33.0

CHOICE Closed

Removed transition Caused By CI

Sum = 2.0

Metric = 3.0

SEQUENCE sink 35

Removed place sink 35

Added arc from Open to sink 6

Removed transition Closed