**Metrics for net Petri net**

**Density metric**

0.03225806451612903

**Details**

|F| = 72

|P X T| = 1116

**Extended Cardoso metric**

30.0

**Details**

Place source 1 = 1

Place sink 2 = 0

Place sink 3 = 1

Place sink 4 = 1

Place sink 5 = 1

Place sink 6 = 1

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

Metric = 30

**Extended Cyclomatic metric**

36.0

**Details**

|E| = 36

|V| = 31

p = 31

**Number of arcs**

72.0

**Details**

**Number of places**

31.0

**Details**

**Number of transitions**

36.0

**Details**

**Structuredness metric**

42.0

**Details**

SEQUENCE sink 3

Removed place sink 3

Added arc from Open to sink 4

Removed transition Assignment

Sum = 2.0

Metric = 2.0

SEQUENCE sink 4

Removed place sink 4

Added arc from Open to sink 5

Removed transition Status Change

Sum = 3.0

Metric = 3.0

SEQUENCE sink 5

Removed place sink 5

Added arc from Open to sink 6

Removed transition Operator Update

Sum = 4.0

Metric = 4.0

SEQUENCE sink 6

Removed place sink 6

Added arc from Open to sink 7

Removed transition Operator Update

Sum = 5.0

Metric = 5.0

SEQUENCE sink 7

Removed place sink 7

Added arc from Open to sink 8

Removed transition Assignment

Sum = 6.0

Metric = 6.0

SEQUENCE sink 8

Removed place sink 8

Added arc from Open to sink 9

Removed transition Assignment

Sum = 7.0

Metric = 7.0

SEQUENCE sink 9

Removed place sink 9

Added arc from Open to sink 10

Removed transition Assignment

Sum = 8.0

Metric = 8.0

SEQUENCE sink 18

Removed place sink 18

Added arc from Status Change to sink 19

Removed transition Operator Update

Sum = 2.0

Metric = 2.0

SEQUENCE sink 19

Removed place sink 19

Added arc from Status Change to sink 20

Removed transition Assignment

Sum = 3.0

Metric = 3.0

SEQUENCE sink 20

Removed place sink 20

Added arc from Status Change to sink 21

Removed transition Reassignment

Sum = 4.0

Metric = 4.0

SEQUENCE sink 21

Removed place sink 21

Added arc from Status Change to sink 22

Removed transition Assignment

Sum = 5.0

Metric = 5.0

SEQUENCE sink 22

Removed place sink 22

Added arc from Status Change to sink 23

Removed transition Operator Update

Sum = 6.0

Metric = 6.0

SEQUENCE sink 23

Removed place sink 23

Added arc from Status Change to sink 24

Removed transition Operator Update

Sum = 7.0

Metric = 7.0

SEQUENCE sink 24

Removed place sink 24

Added arc from Status Change to sink 25

Removed transition Assignment

Sum = 8.0

Metric = 8.0

SEQUENCE sink 25

Removed place sink 25

Added arc from Status Change to sink 26

Removed transition Operator Update

Sum = 9.0

Metric = 9.0

SEQUENCE sink 28

Removed place sink 28

Added arc from Reassignment to sink 29

Removed transition Assignment

Sum = 2.0

Metric = 2.0

SEQUENCE sink 29

Removed place sink 29

Added arc from Reassignment to sink 30

Removed transition Assignment

Sum = 3.0

Metric = 3.0

SEQUENCE sink 30

Removed place sink 30

Added arc from Reassignment to sink 31

Removed transition Closed

Sum = 4.0

Metric = 4.0

SEQUENCE sink 31

Removed place sink 31

Added arc from Reassignment to sink 2

Removed transition Caused By CI

Sum = 5.0

Metric = 5.0

CHOICE Status Change

Removed transition Update

Sum = 2.0

Metric = 3.0

SEQUENCE sink 10

Removed place sink 10

Added arc from Open to sink 11

Removed transition Status Change

Sum = 11.0

Metric = 11.0

CHOICE Assignment

Removed transition Reassignment

Sum = 2.0

Metric = 3.0

SEQUENCE sink 11

Removed place sink 11

Added arc from Open to sink 12

Removed transition Assignment

Sum = 14.0

Metric = 14.0

SEQUENCE sink 12

Removed place sink 12

Added arc from Open to sink 13

Removed transition Operator Update

Sum = 15.0

Metric = 15.0

CHOICE Status Change

Removed transition Update

Sum = 2.0

Metric = 3.0

SEQUENCE sink 13

Removed place sink 13

Added arc from Open to sink 14

Removed transition Status Change

Sum = 18.0

Metric = 18.0

SEQUENCE sink 14

Removed place sink 14

Added arc from Open to sink 15

Removed transition Assignment

Sum = 19.0

Metric = 19.0

CHOICE Assignment

Removed transition Reassignment

Sum = 2.0

Metric = 3.0

SEQUENCE sink 15

Removed place sink 15

Added arc from Open to sink 16

Removed transition Assignment

Sum = 22.0

Metric = 22.0

CHOICE Assignment

Removed transition Update

Sum = 2.0

Metric = 3.0

SEQUENCE sink 16

Removed place sink 16

Added arc from Open to sink 17

Removed transition Assignment

Sum = 25.0

Metric = 25.0

SEQUENCE sink 17

Removed place sink 17

Added arc from Open to sink 26

Removed transition Status Change

Sum = 34.0

Metric = 34.0

CHOICE Status Change

Removed transition Update

Sum = 2.0

Metric = 3.0

SEQUENCE sink 26

Removed place sink 26

Added arc from Open to sink 27

Removed transition Status Change

Sum = 37.0

Metric = 37.0

SEQUENCE sink 27

Removed place sink 27

Added arc from Open to sink 2

Removed transition Reassignment