**Metrics for net 01318152-cacb-4e78-86c4-916a741c1df0**

**Density metric**

0.036290322580645164

**Details**

|F| = 90

|P X T| = 1240

**Extended Cardoso metric**

44.0

**Details**

Place source 31 = 1

Place sink 32 = 0

Place source 35 = 2

Place sink 36 = 1

Place middle 37 = 2

Place replacement source 38 = 1

Place source 39 = 2

Place sink 40 = 1

Place middle 41 = 2

Place replacement source 42 = 1

Place source 43 = 2

Place sink 44 = 1

Place middle 45 = 2

Place replacement source 46 = 1

Place source 47 = 2

Place sink 48 = 1

Place middle 49 = 2

Place replacement source 50 = 1

Place source 51 = 2

Place sink 52 = 1

Place middle 53 = 2

Place replacement source 54 = 1

Place sink 55 = 1

Place source 56 = 2

Place sink 57 = 1

Place middle 58 = 2

Place replacement source 59 = 1

Place source 60 = 2

Place sink 61 = 1

Place middle 62 = 2

Place replacement source 63 = 1

Metric = 44

**Extended Cyclomatic metric**

5657.0

**Details**

|E| = 6445

|V| = 1043

p = 255

**Number of arcs**

90.0

**Details**

**Number of places**

31.0

**Details**

**Number of transitions**

40.0

**Details**

**Structuredness metric**

464.0

**Details**

CHOICE tau from tree

Removed transition Quality Indicator Fixed

Sum = 2.0

Metric = 3.0

SEQUENCE sink 55

Removed place sink 55

Added arc from tau join to sink 32

Removed transition tau from tree

Sum = 4.0

Metric = 4.0

STATE MACHINE source 35 -> sink 36

Sum = 10.0

DiffP = 1

Added arc from tau from tree to sink 36

Removed transition tau start

Removed place middle 37

Removed transition tau from tree

Removed transition tau from tree

Removed place replacement source 38

Removed transition Assignment

Metric = 10.0

STATE MACHINE source 39 -> sink 40

Sum = 10.0

DiffP = 1

Added arc from tau from tree to sink 40

Removed transition tau from tree

Removed transition Status Change

Removed place replacement source 42

Removed place middle 41

Removed transition tau start

Removed transition tau from tree

Metric = 10.0

STATE MACHINE source 43 -> sink 44

Sum = 10.0

DiffP = 1

Added arc from tau from tree to sink 44

Removed transition Reassignment

Removed transition tau start

Removed transition tau from tree

Removed place middle 45

Removed transition tau from tree

Removed place replacement source 46

Metric = 10.0

STATE MACHINE source 47 -> sink 48

Sum = 10.0

DiffP = 1

Added arc from tau from tree to sink 48

Removed transition tau from tree

Removed transition tau from tree

Removed transition tau start

Removed transition Operator Update

Removed place middle 49

Removed place replacement source 50

Metric = 10.0

STATE MACHINE source 51 -> sink 52

Sum = 10.0

DiffP = 1

Added arc from tau from tree to sink 52

Removed place middle 53

Removed transition tau start

Removed transition tau from tree

Removed transition tau from tree

Removed transition Update

Removed place replacement source 54

Metric = 10.0

MARKED GRAPH Open -> tau split

Sum = 104.0

DiffT = 2

Added arc from Open to source 56

Added arc from Open to source 60

Removed transition tau from tree

Removed place source 51

Removed transition tau from tree

Removed place sink 52

Removed place sink 44

Removed place source 47

Removed place sink 48

Removed transition tau from tree

Removed transition tau from tree

Removed place sink 36

Removed transition tau from tree

Removed place source 35

Removed place source 39

Removed place source 43

Removed place sink 40

Removed transition tau split

Metric = 208.0

STATE MACHINE source 56 -> sink 57

Sum = 10.0

DiffP = 1

Added arc from tau from tree to sink 57

Removed transition tau start

Removed place replacement source 59

Removed transition tau from tree

Removed transition tau from tree

Removed transition Closed

Removed place middle 58

Metric = 10.0

STATE MACHINE source 60 -> sink 61

Sum = 10.0

DiffP = 1

Added arc from tau from tree to sink 61

Removed transition tau from tree

Removed place replacement source 63

Removed transition tau start

Removed transition Caused By CI

Removed transition tau from tree

Removed place middle 62

Metric = 10.0

MARKED GRAPH Open -> tau join

Sum = 464.0

DiffT = 1

Added arc from Open to sink 32

Removed place sink 61

Removed place source 56

Removed place sink 57

Removed transition tau from tree

Removed place source 60

Removed transition tau join

Removed transition tau from tree

Metric = 464.0