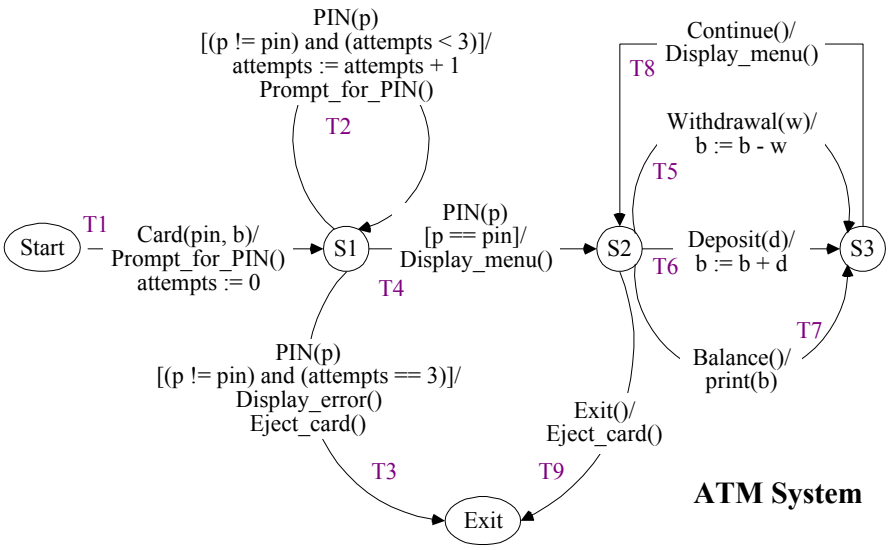
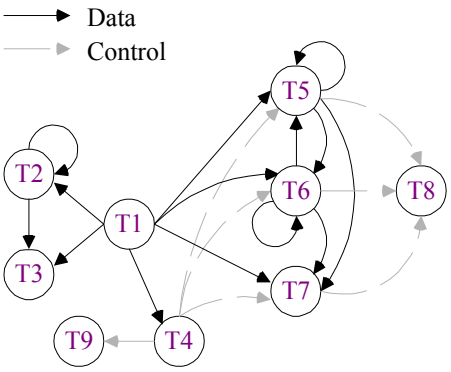
```
<ip> ::=
            efsmId <tut> <ips>
<tut> ::=
            transitionId
<ips> ::=
            <ip> | <ips> <ip>
<ip> ::=
            <ipType> ipId [<testIds>] <nodes>
<ipType> ::=
            ip_affecting | ip_affected | ip_sideEffect
<testIds> ::=
            testId | <testIds> testId
<nodes> ::=
            <node> | <nodes> <node>
<node> ::=
            node nodeIndex <label> [<adjacencySet>]
<label> ::=
            transitionId
<adjacencySet> ::=
            <reverseSet> | <nonreverseSet>
<reverseSet> ::=
            <reverse> | <reverseSet> <reverse>
<reverse> ::=
            inc sourceIndex <dependencyType>
<nonreverseSet> ::=
            <nonreverse> | <nonreverseSet> <nonreverse>
<nonreverse> ::=
            out destinationIndex <dependencyType>
<dependencyTye> ::=
            dat | ctl | activation | affectingGhostDat |
            affectedGhostDat | ghostActivation
```

```
ATM_System
T5

ip DT5_0 Test_1 Test_2
node 0 T1
node 1 T4
inc 0 dat
node 2 T6
inc 1 ctl
inc 0 dat
node 3 T6
inc 2 dat
inc 1 ctl
node 4 T5
inc 3 dat
inc 1 ctl

ip DT5_1 Test_3
node 0 T1
node 1 T4
inc 0 dat
node 2 T6
inc 1 ctl
inc 0 dat
node 3 T6
inc 2 dat
inc 1 ctl
node 4 T6
inc 3 dat
inc 1 ctl
node 5 T5
inc 4 dat
inc 1 ctl
```



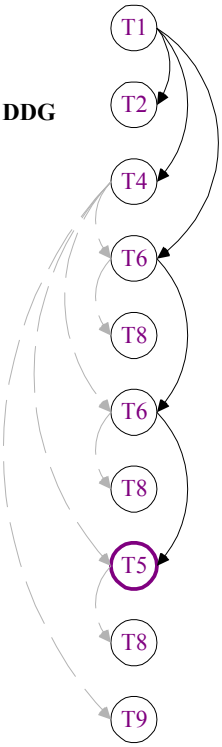
Test_2 = T1 T2 T4 T6 T8 T6 T8 T5 T8 T9

TUT = **T5**



EFSM -> SDG

SDG -> DDG



DDG -> DIP