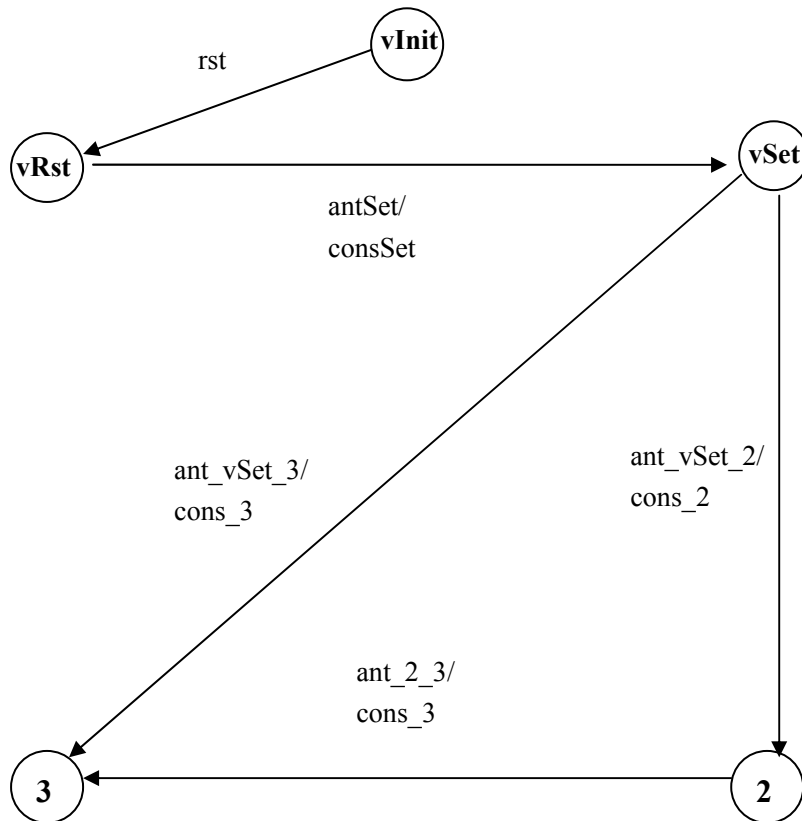


Let rst = Is1 reset; Let nRst = Is0 reset; Let rtE = Is1 routeEnable;  
 Let others=[nRst, rtE,Is1 req3]  
 Let ants\_vSet\_2 = TAndList [nRst, rtE,Is1 req3,Is1 req2];  
 Let ants\_vSet\_3 = TAndList [nRst, rtE,Is1 req3,Is0 req2, Is1 req3];  
 Let ants\_2\_3 = TAndList [nRst, rtE,Is1 req3,Is1 req3];  
 Let cons\_2= TAndList[Is1 xGrant, Is0yGrant];  
 Let cons\_3=TAndList[Is1 xGrant, Is1Grant];



```

Let rst = Is1 reset; Let nRst = Is0 reset; Let rtE = Is1 routeEnable;
Let others=[nRst, rtE,Is1 req2];
Let ants_vSet_3 = TAndList [nRst, rtE,Is1 req2,Is1 req3];
Let ants_vSet_0= TAndList [[nRst, rtE,Is1 req2,Is0 req3, Is1 req0];
Let ants_vSet_1 = TAndList[[nRst, rtE,Is1 req2, Is0 req3, Is0 eq0, Is1 req1];
Let ants_vSet_2 = TAndList [[nRst, rtE,Is1 req2,Is0 req3, Is0 eq0, Is0 req1, Is1 req2];
Let ants_3_0=TAndList [nRst, rtE,Is1 req2,Is1 eq0];
Let ants_3_1=TAndList [nRst, rtE,Is1 req2,Is0 eq0, Is1req1];
Let ants_3_2=TAndList [nRst, rtE,Is1 req2,s0 eq0, Is0 req1, Is1 req2];
Let ants_0_1= TAndList [nRst, rtE,Is1 req2,Is1 req1];
Let ants_0_2= TAndList [nRst, rtE,Is1 req2,Is0 req1, Is1 req2];
Let ants_1_2= TAndList [nRst, rtE,Is1 req2
];
Let cons_0=TAndList [Is0 xGrant, Is0 yGrant];
Let cons_1=TAndList [Is0 xGrant, Is1 yGrant];
Let cons_2=TAndList [Is1 xGrant, Is0 yGrant];
Let cons_3=TAndList[Is1 xGrant,Is1 yGrant];

```

