**Multi-Objective Particle Swarm Optimization-based**

**Test Data Generation for Path Coverage Testing**

**Abstract**

**Introduction**

Xem xét một program under test như sau:

int getDayNum(int year, int month)

{

int maxDay=0;

if( month>=1 && month<=12) //bch1: branch 1

{

if(month==2) //bch2: branch 2

{

if(year%400==0||(year%4==0&&year%100==0))

//bch3: branch 3

maxDay=29;

else //bch4: branch 4

maxDay=28;

}

else if(month==4||month==6||month==9||month==11)

//bch5: branch 5

maxDay=30;

else //bch6: branch 6

maxDay=31;

}

else //bch7: branch 7

maxDay=-1;

return maxDay;

}

Với program under test này

**Background**

**Related work**

**Proprosed approach**

**Experimental result**

**Conclusion**

**References**