

```

if (x!=0 && y!=0) {
    //standardize
    if(prophecy_clock_ids.find(x)!=prophecy_clock_ids.end() &&
        DBM(0,x)==tchecker::dbm::LE_INFINITY) {
        for(int j=2;j<dim;j++)
            if(x!=j && DBM(j,x)!=tchecker::dbm::LE_INFINITY) {
                DBM(0,x)= tchecker::dbm::LT_INFINITY;
                break;
            }
    }

    if(prophecy_clock_ids.find(y)!=prophecy_clock_ids.end() &&
        DBM(0,y)==tchecker::dbm::LE_INFINITY) {
        for(int j=2;j<dim;j++)
            if(y!=j && DBM(j,y)!=tchecker::dbm::LE_INFINITY) {
                DBM(0,y)= tchecker::dbm::LT_INFINITY;
                break;
            }
    }

    if((history_clock_ids.find(y)!=history_clock_ids.end() ||
        normal_clock_ids.find(y)!=normal_clock_ids.end())
        && DBM(y,0)==tchecker::dbm::LE_INFINITY) {
        for(int j=2;j<dim;j++)
            if(y!=j && DBM(y,j)!=tchecker::dbm::LE_INFINITY) {
                DBM(y,0)= tchecker::dbm::LT_INFINITY;
                break;
            }
    }

    if((history_clock_ids.find(x)!=history_clock_ids.end() ||
        normal_clock_ids.find(x)!=normal_clock_ids.end())
        && DBM(x,0)==tchecker::dbm::LE_INFINITY) {
        for(int j=2;j<dim;j++)
            if(x!=j && DBM(x,j)!=tchecker::dbm::LE_INFINITY) {
                DBM(x,0)= tchecker::dbm::LT_INFINITY;
                break;
            }
    }
}

```