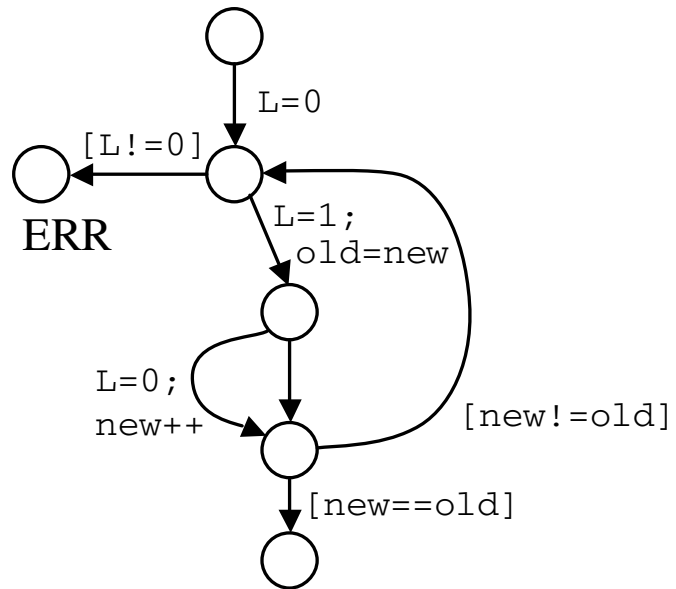


```

do{
    lock();
    old = new;
    if(*){
        unlock;
        new++;
    }
} while (new != old);

```

(a) program fragment



(b) control-flow graph

**Fig. 1.** A simple example program