```java
1   class RMWConsensus extends ConsensusProtocol {
2     // initialize to v such that f(v) != v
3     private RMWRegister r = new RMWRegister(v);
4     public Object decide(Object value) {
5       propose(value);
6       int i = ThreadID.get();        // my index
7       int j = 1-i;                   // other's index
8       if (r.rmw() == v)              // I'm first, I win
9         return proposed[i];
10      else                           // I'm second, I lose
11        return proposed[j];
12    }
13  }
```

FIGURE 5.14 Two-thread consensus using RMW.