

```
14 public void acquire(T x) {
15     boolean[] mark = {true};
16     Thread me = Thread.currentThread();
17     Thread who;
18     while (true) {
19         do {
20             who = owner.get(mark);
21         } while (mark[0] && who != me);
22         ReentrantLock[] oldLocks = locks;
23         ReentrantLock oldLock = oldLocks[x.hashCode() % oldLocks.length];
24         oldLock.lock();
25         who = owner.get(mark);
26         if ((!mark[0] || who == me) && locks == oldLocks) {
27             return;
28         } else {
29             oldLock.unlock();
30         }
31     }
32 }
33 public void release(T x) {
34     locks[x.hashCode() % locks.length].unlock();
35 }
```

FIGURE 13.9 RefinableHashSet<T> class: acquire() and release() methods.