

```

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.