

```

31 public boolean remove(T item) {
32     int key = item.hashCode();
33     while (true) {
34         Node pred = head;
35         Node curr = pred.next;
36         while (curr.key < key) {
37             pred = curr; curr = curr.next;
38         }
39         pred.lock();
40         try {
41             curr.lock();
42             try {
43                 if (validate(pred, curr)) {
44                     if (curr.key == key) {
45                         pred.next = curr.next;
46                         return true;
47                     } else {
48                         return false;
49                     }
50                 }
51             } finally {
52                 curr.unlock();
53             }
54         } finally {
55             pred.unlock();
56         }
57     }
58 }

```

FIGURE 9.12 The OptimisticList class: The remove() method traverses ignoring locks, acquires locks, and validates before removing the node.