

```
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.