```
139   boolean contains(T x) {
140     int bottomLevel = 0;
141     int v = x.hashCode();
142     boolean[] marked = {false};
143     Node<T> pred = head, curr = null, succ = null;
144     for (int level = MAX_LEVEL; level >= bottomLevel; level--) {
145       curr = curr.next[level].getReference();
146       while (true) {
147         succ = curr.next[level].get(marked);
148         while (marked[0]) {
149           curr = pred.next[level].getReference();
150           succ = curr.next[level].get(marked);
151         }
152         if (curr.key < v){
153           pred = curr;
154           curr = succ;
155         } else {
156           break;
157         }
158       }
159     }
160     return (curr.key == v);
161   }
```

FIGURE 14.14 The LockFreeSkipList class: the wait-free contains() method.