

```

27  public T pop() throws EmptyException {
28      RangePolicy rangePolicy = policy.get();
29      while (true) {
30          Node returnNode = tryPop();
31          if (returnNode != null) {
32              return returnNode.value;
33          } else try {
34              T otherValue = eliminationArray.visit(null, rangePolicy.getRange());
35              if (otherValue != null) {
36                  rangePolicy.recordEliminationSuccess();
37                  return otherValue;
38              }
39          } catch (TimeoutException ex) {
40              rangePolicy.recordEliminationTimeout();
41          }
42      }
43  }

```

FIGURE 11.9 The EliminationBackoffStack<T> class: This pop() method overrides the LockFreeStack pop() method.