

```
1 public boolean compareAndSet(T expectedReference,  
2                               T newReference,  
3                               boolean expectedMark,  
4                               boolean newMark);  
5 public T get(boolean[] marked);  
6 public T getReference();  
7 public boolean isMarked();
```

FIGURE 9.22 Some AtomicMarkableReference<T> methods: compareAndSet() tests and updates both the mark and reference fields; get() returns the encapsulated reference and stores the mark at position 0 in the argument array; getReference() and isMarked() return the reference and mark, respectively.