



FIGURE 9.10 The FineList class: A deadlock could occur if, for example, `remove()` and `add()` calls acquired locks in opposite order. Then we could have the scenario depicted, in which thread A is about to insert *a* by locking first *b* and then *head*, and thread B is about to remove node *b* by locking first *head* and then *b*. Each thread holds the lock the other is waiting to acquire, so neither makes progress.