bool lock = false; /* shared lock */

process CS[i = 1 to n] {
    while (true) {
        while (lock) skip; /* entry protocol */
        while (TS(lock)) {
            while (lock) skip;
        }
        critical section;
        lock = false; /* exit protocol */
        noncritical section;
    }
}

Figure 3.4  Critical sections using Test and Test and Set.

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