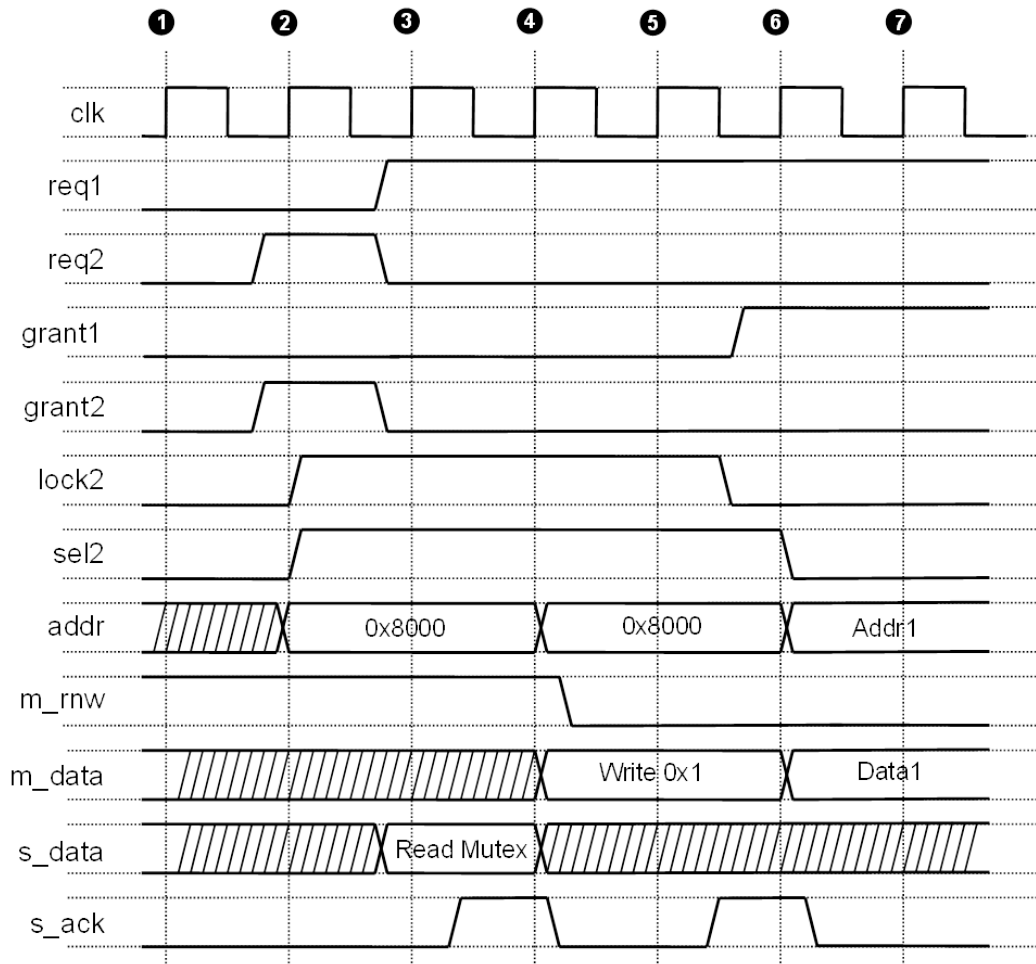


ECE 4530 Fall 2019: Handout Lecture 12

Bus Locking

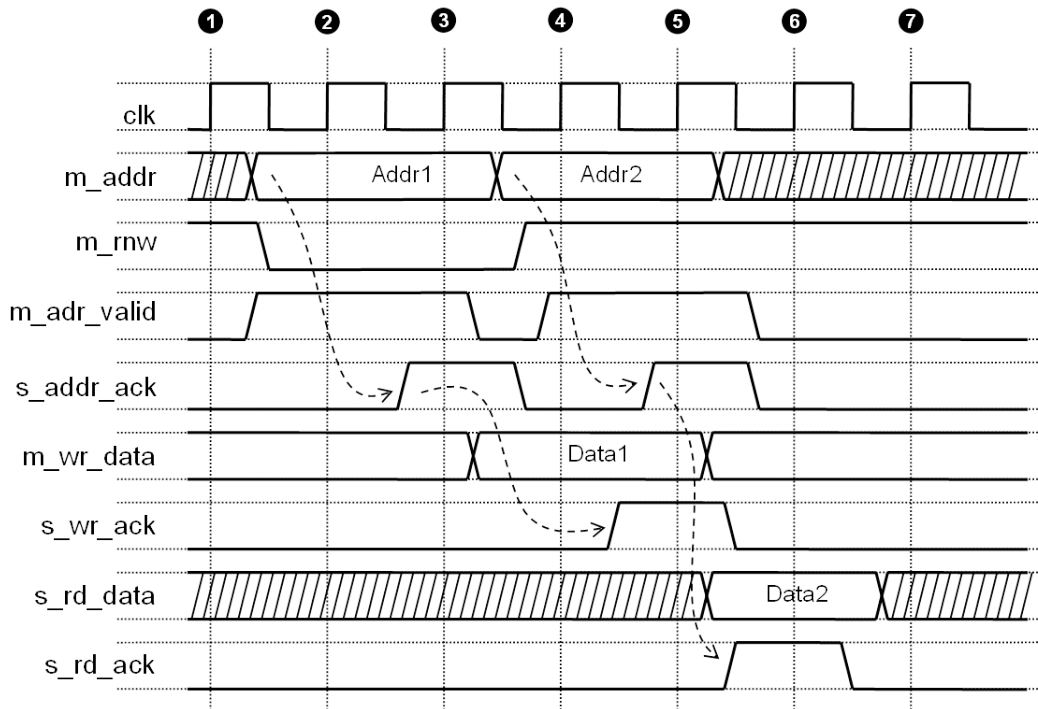


```
int testandset() {
    int a;
    lock_bus();
    a = *mutex;
    *mutex = 1;
    unlock_bus();
    return a;
}
```

```
void enter() {
    while (testandset()) ;
}

void leave() {
    *mutex = 0;
}
```

Transaction Splitting/ Pipelined Transfers



Burst-mode Operation

