

474 Instructor Notes from Day 10 slides:

Slide 8: A useful Lemma

It turns out that we will only need this lemma for the case where $q = s$, but the more general thing is easier to prove by induction. This is common in induction proofs.

Slide 26: DFSMs as Algorithms

The "+2" comes from the first two lines in each case.

We can make the time faster by using a table instead of all these ifs.