Theory of Computation
CSCI 341, Fall 2016

Recitation 5
2016-10-04

Exercises: Transducers

Transducers is a widely used model of computation in natural language processing. You can be sure that any translation tool you are using is using some kind of transducers with millions of states.
Exercises from Sipser page 87-88

- 1.24

- 1.25. For the formal definition of computation of an FST, provide definitions for configurations, yield, yield in one step and compute.

- 1.26

- 1.27