

1

Information Service Engineering

Lecture 2: Natural Language Processing II

2.1 Finite State Automata

2.2 Finite State Transducers

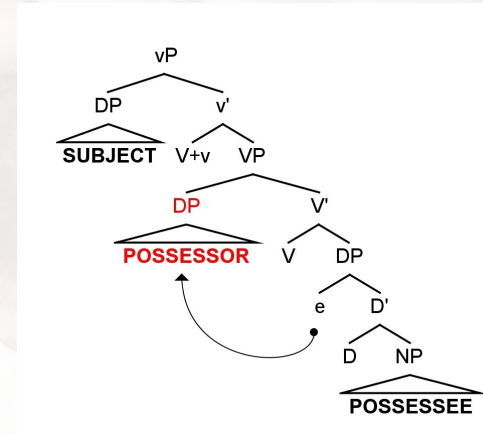
2.3 Language Model and N-Grams

2.4 Language Model and N-Grams II

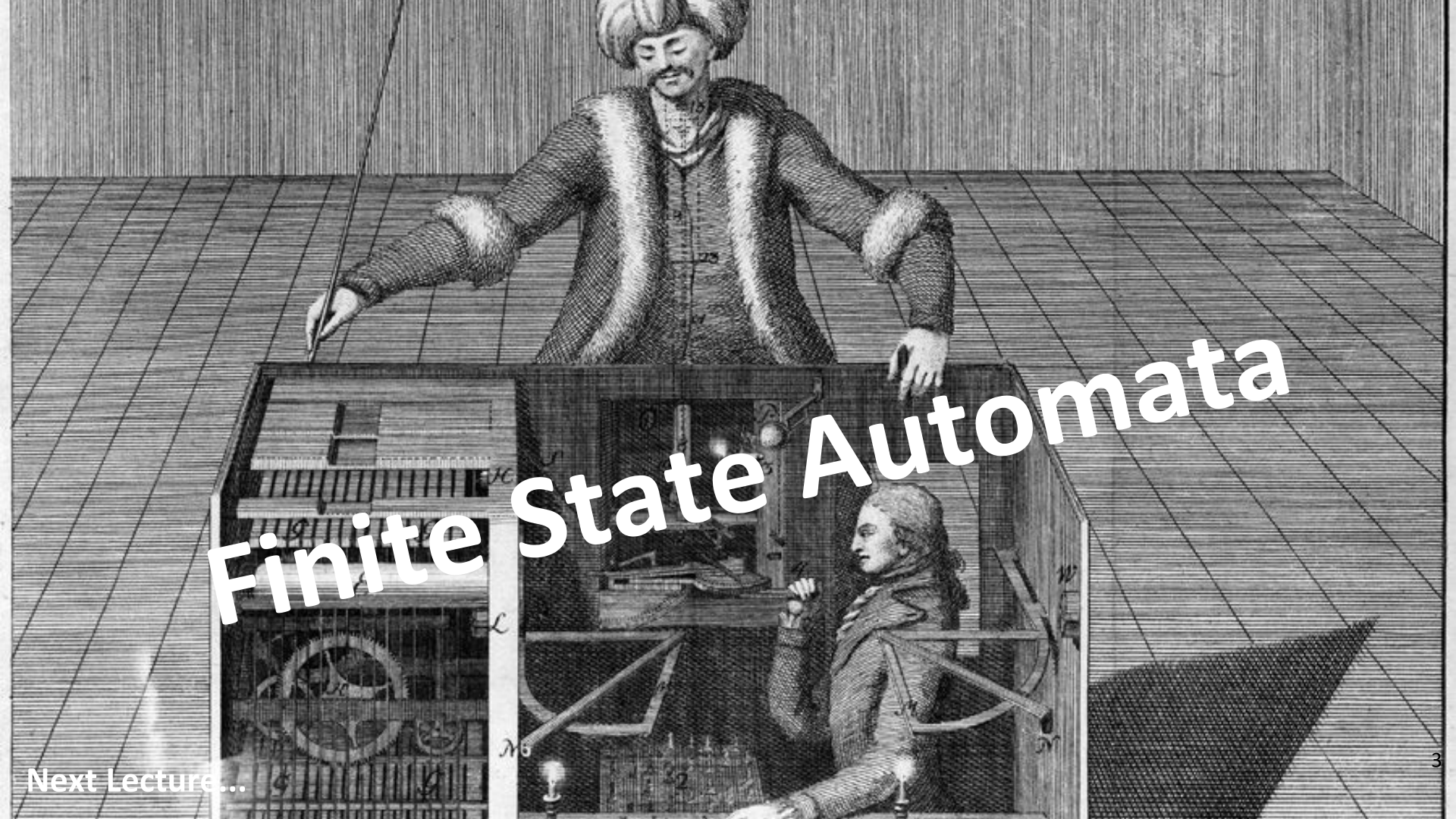
2.5 Language Model and N-Grams III

2.6 Part-of-Speech Tagging

2.7 Part-of-Speech Tagging II



Finite State Automata



Picture References:

- P.3: “The Turk.” Engraving in Joseph Friedrich Racknitz, Ueber den schachspieler des herrn von Kempelen und dessen nachbildung (Leipzig and Dresden; J.G.I. Breitkopf, 1789),
<https://www.flickr.com/photos/library-company-of-philadelphia/2919837469/>