CS6395 - Speech Recognition, Synthesis, and Understanding

CS 6395 Speech Recognition, Synthesis, and Understanding (3 semester hours) Basic speech processing techniques: isolated word recognition using dynamic time warping, acoustic modeling using hidden Markov models, statistical language modeling, search algorithms in large vocabulary continuous speech recognition, components in text-to-speech systems, architecture and components in spoken dialog systems. Prerequisite: CS 5343. (3-0) T (2016-02-05 21:13:39)