# Literature Review

## Speech Processing

### Speaker dependence

### Speech type (continuous, discontinuous, isolated)

### Recognition type (word vs. phoneme)

A phoneme can be thought of as “the smallest contrastive linguistic unit which may bring about a change of meaning”[1] in a word.

## Feature Extraction

### Mel-frequency Cepstral Coefficients (MFCC)

## Classification Techniques

### Hidden Markov Models

### Artificial Neural Networks

### Dynamic Time Warping

## Robust speech recognition

## Auditory data

# Temp references

[1] A. Cruttenden, "Gimson's pronunciation of English," 7th ed: Routledge, 2013, p. 41.