ch03 spoken language structure (2)

Sound Pressure Level

vocal tract

Spectrograms & Formants

Mel Frequency scale

Masking

ch7 speech signal processing (2)

Short-Time Fourier Analysis

FFT vs. STFT

小波（Wavelet）

語音model

LPC (Linear predictive coding )

Covariance Method

Autocorrelation Method

CEPSTRAL PROCESSING

MFCC

ch9 2016HMM

HMM & MM

Viterbi Algorithm

Semi-continuous HMM

Gaussian Mixture Model

ch12 language-model

Context-Free Grammars

N-gram Smoothing

LSTM

auto-encoder