PHONEME BASED SPEECH TO TEXT TRANSLATION SYSTEM FOR MALAYSIAN ENGLISH PRONUNCIATION

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Phoneme Based Speech to Text Translation System for Malaysian English Pronunciation

by

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LIST OF ABBREVIATIONS

ANN	Artificial Neural Network
ASR	Automatic Speech Recognition
DCT	Discrete Cosine Transform
DTW	Dynamic Time Warping
DWT	Discrete Wavelet Transform
FFT	Fast Fourier Transform
FVD	Fuzzy Voicing Detector
FVD	Fuzzy Voicing Detector
GUI	Graphical User Interface
HATS	Hidden Activation TRAPS
HMM	Hidden Markov Model
LM	Levenberg Marquardt
LPC	Linear Predictive Co-Efficient
LVASR	Large Vocabulary ASR
MFCC	Mel-Frequency Cepstral Coefficients
ML	Maximum Likelihood
MLNN	Multilayer Neural Network
MLP	The Multilayered Perceptron
MMI	Maximal Mutual Information
MSF	Magnitude Sum Function
PCWD	Phonemes Class Word Database
PER	The Phoneme Error Rate
PLP	Perceptual Linear Predictive analysis
RASTA-PLP	Relative Spectra- Perceptual Linear Predictive analysis