

LIST OF TABLES

Table 2.1 Sources of verification Error	7
Table 3.1 When is speech input appropriate?	19
Table 3.2 When is speech output appropriate?	20
Table 5.1 Comparison of feature extraction in terms of filtering techniques	62
Table 5.2 Comparison of criteria of feature extraction techniques	63
Table 7.1 Identification rate and number of centroids	101
Table 7.2 Identification rate with noise variance of 0.001	102
Table 7.3 Identification rate when number of centroids 16 ($k = 16$) and variance change from 0.001 – 0.01	103
Table 7.4 Identification rate with noise variance of 0.01	106