

LIST OF FIGURES

<i>FIGURE 2-1 NETWORK ARCHITECTURE OF SVM</i>	7
<i>FIGURE 2-2 PCA SCHEME</i>	8
<i>FIGURE 2-3 EXAMPLE OF EXPLAINED VARIANCE PER COMPONENT</i>	10
<i>FIGURE 3-1 GENERAL SCHEME</i>	12
<i>FIGURE 3-2 DETAILED GENERAL SCHEME</i>	13
<i>FIGURE 4-1 ACCURACY FOR BREAST CANCER DATA</i>	19
<i>FIGURE 4-2 RUNNING TIME FOR BREAST CANCER DATA</i>	20
<i>FIGURE 4-3 ACCURACY FOR NERVOUS SYSTEM CANCER DATA</i>	21
<i>FIGURE 4-4 RUNNING TIME FOR NERVOUS SYSTEM CANCER DATA</i>	22
<i>FIGURE 4-5 ACCURACY FOR COLON CANCER DATA</i>	23
<i>FIGURE 4-6 RUNNING TIME FOR COLON CANCER DATA</i>	23