This thesis is about the system which represents font symbol by
vector method. The system begins from creating bitmap font, converting
bitmap font to vector font , and offering basic functions for using vector
font. Vector font from this thesis is created from bezier curves. Hence,
the results of font by this method will be smooth in any curves and any
sizes. Then, it will be suitable to apply to font that there are many curves
like thai font. In this thesis, many techniques are used, such as,
converting bitmap font to bitmap outline font technique, cutting bitmap
font to curves segment technique, converting curves segment to vector font
technique, etc. Furthermore, vector font can be more suitably edited and
this thesis has been prepared many functions to rotate, translate, and
resize vector font. When the result of this thesis is tested by using 10
examples of font, the system shows that all of them can be converted from
bitmap font to vector font within 5 minutes. And only a little adjustment
is required.