ACKNOWLEDGEMENTS

I would like to show appreciation to Dr. Issariya Thaveesilpa, my thesis advisor, who has provided me useful materials, valuable suggestions and a great encouragement. She willingly helped me at all steps of my thesis.

My heartfelt gratitude goes to Mr. Ismael Mercado, my proof reader, for his guidance and perceptive information. Without his practical assistance, this thesis would not be perfectly completed.

My thankfulness also extends to Asst. Prof. Dr. Kitima Indrambarya for her constructive advice and discerning comments. She also took part in helping me accomplish this thesis.

I am extremely grateful to Assoc. Prof. Dr. Somtawil Dhanasobhon, who served as the Graduate School representative for my thesis defense. Her suggestions provide the improvement on my thesis.

Finally, I would like to express my gratitude to my parents, Mr. Anan Puprasert and Mrs. Nangnoi Puprasert, and all my sisters. I am deeply indebted to them for all their endless love, care and support.

Namtip Puprasert March 2007