ACKNOWLEDGMENTS

I would like to extend my grateful thanks to many people who provided considerable encouragement and wholehearted support throughout my thesis. Without them, this study would not have been completed.

Firstly, I would like to express my deepest appreciation to Dr. Saowarot Ruangpaisan, my beloved thesis advisor for her valuable suggestions and her invaluable time to make a contribution to the success of my study.

Next, I am very grateful to my thesis co-advisor, Assistant Professor Dr.

Nawamin Prachanant, who also made many helpful suggestions and insightful conversations during the development of the ideas in this thesis.

Then, I have been fortunate in having the incisive comments, critical ideas, advice and encouragement from those research experts, namely Associate Professor Dr. Tuenjai Pinkerd, Assistant Professor Suthamat Kotcharat, and Mrs. Leknai Sukjan. They provided feedback and offered proof reading on a draft of this thesis. Without their help, the entire effort would not have been as complete and as finely tuned as it has come to be.

My sincere gratitude also goes to my research committee, Assistant Professor

Dr. Chookiat Jarat, and Assistant Professor Dr. Soisithorn Isarankura, for their

professional and insightful comments and for trusting my capacity as a researcher and
my responsibility. Their guidance kept me alive throughout the ongoing research.

They gave me a lot of recommendations and an invaluable feedback to my qualified
work. As my appreciation, my respectful heart goes with them forever.

Very special thanks are due to my classmates for their kind support and warm encouragement throughout my difficult times. Without them, I could not have overcome my ups and downs and concentrated on my studies.

Finally, a million thanks go to my family, in particular, my parents and my couple. They have always supported my dreams and aspirations, and always take care of me and support me with understanding.

Wijit \$aijaem