

ACKNOWLEDGEMENT

The author would like to thank to Prof. S. Onari for his valuable advice and continuous support.

The author would like to express his special gratitude to assistant Prof. K. Matsuishi for his valuable advice and encouragement through this study.

The author is grateful to the present and previous members of Onari-Matsuishi laboratory. He has been encouraged and supported by them.

The author would like to express deepest appreciation to his family for financial and spiritual supports through his student days.