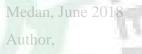# PREFACE

Praise and thanks to Allah SWT who has given for all the graces and blessings that provide health and wisdom to the author that this study can be completed properly in accordance with the planned time.

Thesis entitled "The Differences of Students Mathematical Spatial Ability Taught Cooperative Learning *Numbered Heads Together* (NHT) and *Student Teams Achievement Division* (STAD) Types at SMP Negeri 3 Kisaran Academic Year 2017/2018", prepared to obtain a Bachelor degree of Mathematics Education, Faculty of Mathematics and Natural Sciences in State University of Medan.

On this occasion the author like to thank Prof. Dr. Edi Syahputra, M.Pd. as Thesis Supervisor who has provide guidance and suggestions to the author since the beginning of the study until the completion of this thesis writing. Thanks also to Prof. Dr. Hasratuddin, M.Pd., Drs. Marojahan Panjaitan, M.Pd., Tiur Malasari Siregar, S.Pd, M.Si. who have provided input the suggestions from the research plan until complete the preparation of thesis. Thanks also to Dr. Edy Surya, M.Si. as academic supervisor and also the entire Lecturer and Staff in Mathematics Department. Appreciation also present to Headmaster in SMP Negeri 3 Kisaran and EtyMasithoh, S.Pd. as Mathematics teacher who has provide guidance when the research was held. I would like say special thanks to my father Saladdin Lubis and mother Asmidah Siregar also my sisters Afrida Yanti Lubis SE, Yusnani Lubis, and Afnilawati Lubis, my Lovely Reza Ahmad Fahmi SE, and all family who have supported, prayed, and gave me encouragement and funding to complete the study in Mathematics Department. Also thanks to my young woman roommate Dinda Asa Ayukhaliza, and Surya Najma who always with me and support me. Rock you guys! And also thanks to all of Bilmath '14 member.

The Author has endeavored and maximally to complete this thesis. But certainly there are still shortcomings that exist in this research. The author welcome to any suggestions and constructive criticism from readers for this thesis perfectly. The author also hope the content of this research would be useful in enriching the reader's knowledge. Thank you.

Medan, June 2018
Author,

Irma Syahputri Lubis