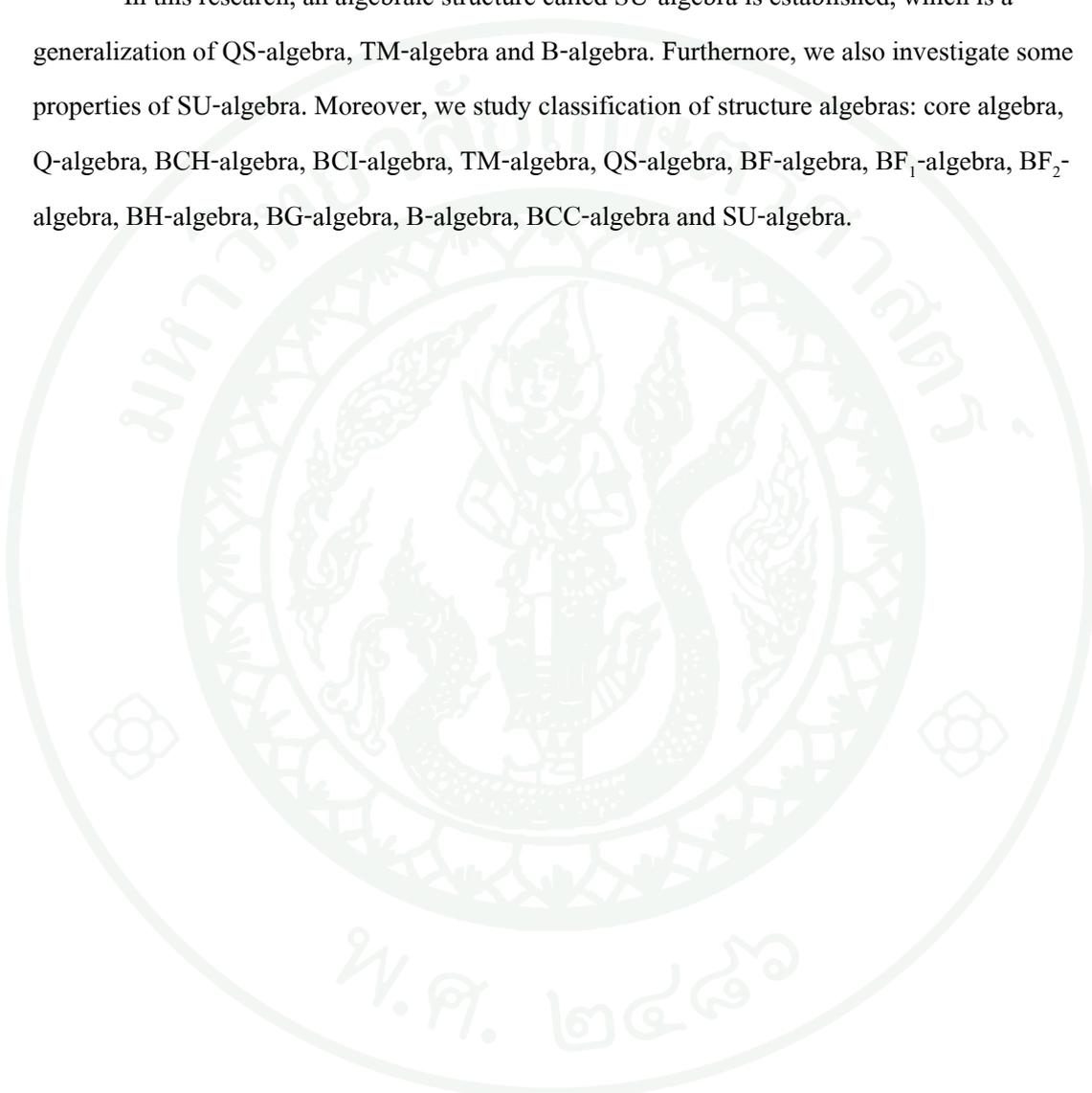


Supawadee Kaewrahn 2011: Classification of Structure Algebras. Master of Science (Mathematics), Major Field: Mathematics, Department of Mathematics. Thesis Advisor: Associate Professor Utsanee Leerawat, Ph.D. 102 pages.

In this research, an algebraic structure called SU-algebra is established, which is a generalization of QS-algebra, TM-algebra and B-algebra. Furthermore, we also investigate some properties of SU-algebra. Moreover, we study classification of structure algebras: core algebra, Q-algebra, BCH-algebra, BCI-algebra, TM-algebra, QS-algebra, BF-algebra,  $BF_1$ -algebra,  $BF_2$ -algebra, BH-algebra, BG-algebra, B-algebra, BCC-algebra and SU-algebra.



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Student's signature                      Thesis Advisor's signature