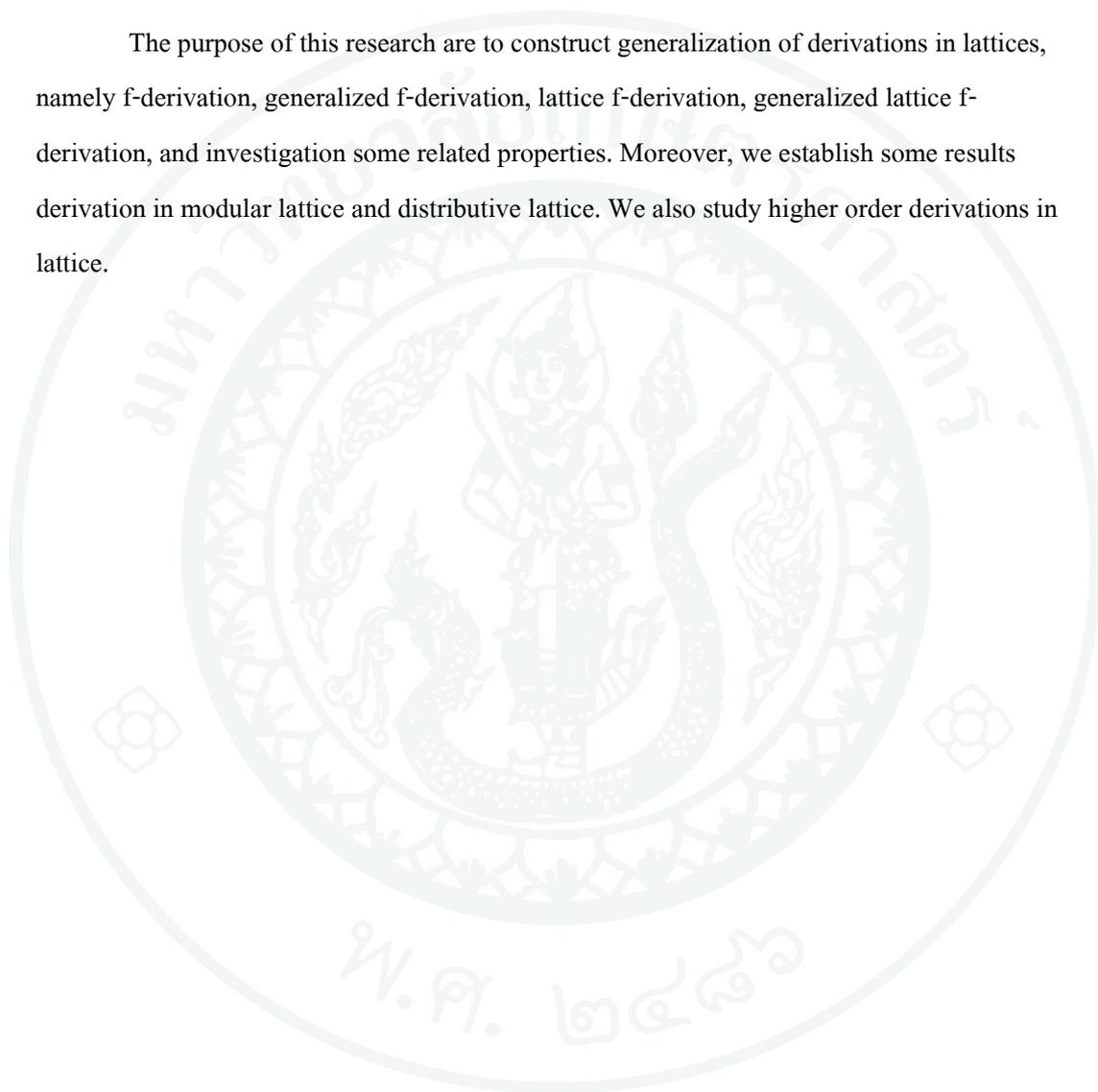


Sureeporn Harmaitree 2011: Derivations in Lattices. Master of Science
(Mathematics), Major Field: Mathematics, Department of Mathematics. Thesis
Advisor: Associate Professor Utsanee Leerawat, Ph.D. 109 pages.

The purpose of this research are to construct generalization of derivations in lattices, namely f -derivation, generalized f -derivation, lattice f -derivation, generalized lattice f -derivation, and investigation some related properties. Moreover, we establish some results derivation in modular lattice and distributive lattice. We also study higher order derivations in lattice.



Student's signature

Thesis Advisor's signature