N-framed soft set with basic operations: A generalization of double framed soft set

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APPROVAL SHEET

The thesis attached hereto, titled "n-framed soft set with basic operations: A generalization of double framed soft set" proposed and submitted by Mr. Azhar Hussain, ID:1200210904 in partial fulfillment of the requirements for the degree of Master of Science in Mathematics is hereby accepted as conforming to the required standard.

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Abstract

The main purpose of this thesis is to introduce the basic operations of union, intersection, difference and relative complement of double framed soft sets, discussed in chapter 3. Extension of double framed soft sets into triple framed soft sets and to propose the basic operations of union, intersection, difference and relative complement of triple framed soft sets, discussed in chapter no 4. Finally the introduction of n-framed soft sets, as a generalization of double framed soft sets, the basic operations of union, intersection, difference and relative complement of n-framed soft sets, discussed in chapter

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Chapter 1

Preliminaries

The purpose of the current chapter is to recall some basic concepts from set theory, fuzzy set theory and operations on these. These concepts will be much valuable tool during the further development of this dissertation.