

List of Abbreviations

The following abbreviated forms have been used in the thesis.

<i>FS</i>	Fuzzy Set
<i>IFS</i>	Intuitionistic Fuzzy Set
<i>NS</i>	Neutrosophic Set
<i>T2FS</i>	Type-2 Fuzzy Set
<i>IT2FS</i>	Interval Type-2 Fuzzy Set
<i>GTrFN</i>	Generalized Trapezoidal Fuzzy Number
<i>GTrIFN</i>	Generalized Trapezoidal Intuitionistic Fuzzy Number
<i>TrIT2FN</i>	Trapezoidal Interval Type-2 Fuzzy Number
<i>CNN</i>	Complex Neutrosophic Number
<i>CFS</i>	Complex Fuzzy Set
<i>CNS</i>	Complex Neutrosophic Set
<i>SS</i>	Soft Set
<i>FSS</i>	Fuzzy Soft Set
<i>IFSS</i>	Intuitionistic Fuzzy Soft Set
<i>LVSS</i>	Linguistic Valued Soft Set
<i>TrFSS</i>	Trapezoidal Fuzzy Soft Set
<i>GTrIFSS</i>	Generalized Trapezoidal Intuitionistic Fuzzy Soft Set
<i>TrIT2FSS</i>	Trapezoidal Interval Type-2 Fuzzy Soft Set
<i>TrIT2FSSS</i>	Trapezoidal Interval Type-2 Fuzzy Soft Stochastic Set
<i>ETrIT2FSS</i>	Expected Trapezoidal Interval Type-2 Fuzzy Soft Set
<i>WETrIT2FSS</i>	Weighted Expected Trapezoidal Interval Type-2 Fuzzy Soft Set
<i>CFSS</i>	Complex Fuzzy Soft Set
<i>CNSS</i>	Complex Neutrosophic Soft Set
<i>MCDM</i>	Multi Criteria Decision Making
<i>SMCDM</i>	Stochastic Multi Criteria Decision Making
<i>CNSVISDM</i>	Complex Neutrosophic Soft VIKOR Approach for Single Decision Maker
<i>CNSVIMDM</i>	Complex Neutrosophic Soft VIKOR Approach for Multiple Decision Makers