SUMMARY AND CONCLUSION

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This thesis is an attempt to discuss g-closed sets strongly generalized closed sets, weakly generalized closed sets , gs-closed sets, sg-closed sets, π-closed sets, πg-closed sets, πgs-closed sets, gp-closed sets, πgp-closed sets, $\hat{g}$-closed sets, $\tilde{g}$s-closed sets, λ-closed sets, g-continuous maps and wg-continuous maps in minimal structures.

Chapter 1 deals with the study of strongly-g-closed sets, wg-closed sets, and wg-continuous maps in topological spaces.

In chapter 2 Properties and characterization of strongly and weakly generalized closed sets, continuous maps and g-continuous maps in minimal structures are discussed.

In chapter 3 deals with study of various generalizations of closed sets namely g-closed sets, gs-closed sets, sg-closed sets, π-closed sets, πg-closed sets, πgs-closed sets, gp-closed sets, πgp-closed sets, $\hat{g}$-closed sets, $\tilde{g}$s-closed sets, λ-closed sets and various generalization of continuous and irresolute maps in minimal structures. Properties, characterizations and inter relationships between these concepts are analyzed.

The concepts analyzed in thesis can be extended to fuzzy minimal spaces and bi fuzzy minimal spaces.