PREFACE

The study of topological properties from a lattice theoretic viewpoint was perhaps initiated by Dr. R. Vaidyanathaswamy and H. Wallman in the thirties of the last century. The term frame was introduced by C. H. Dowker in 1966 and he together with D. Papert Strauss studied frames extensively in the sixties and seventies. The remarkable works of C. Ehresmann and J. Benabou and J.R. Isbell in this area deserve special mention. Since then much work has been done in the theory of frames. The classic book ‘Stone Spaces by P.T. Johnstone(1982) has been a good exposition in this area.

Topology has been extensively used by theoretical computer scientists and runs in a direction different from the direction of Hausdorff topology. Hence frames and its applications to different areas become worth investigating.
Steven Vickers introduces topological systems in his book ‘Topology via Logic. The notion of topological systems motivated the idea of frame-groups, a reasonable generalization of topological groups.