

PREFACE

The content of the present thesis is based on the researches, which I have been carrying out since August 1997 at The Maharaja Sayajirao University of Baroda, Vadodara, on "LATTICES OF DENSITY PRESERVING MAPS, EXTENSIONS AND ABSOLUTES OF TOPOLOGICAL SPACES" under the supervision of Dr. T. K. Das, Reader in Mathematics, Department of Mathematics, Faculty of Science, The Maharaja Sayajirao University of Baroda.

The present thesis contains seven chapters. Some of the results of Chapters 2, 3 and 4, in its original form are being published in the Bulletin of the Australian Mathematical Society, Volume 72 (2005) and were presented at the 70th Conference of the Indian Mathematical Society in December 2004. Major results of Chapter 6 are accepted for its publication in the 'Applied General Topology' journal. Remaining results in the present thesis have also been communicated for possible publication in research journals.

I take this opportunity to express my sincere thanks and gratitude to my teacher and supervisor Dr. T. K. Das for his valuable guidance, which I received from him during the tenure of the work.

My sincere thanks are due to Gujarat Government and The Maharaja Sayajirao University of Baroda for awarding me Research Scholarship during my initial tenure to carry out my research work. I also thank and express my

gratitude to Professor J. R. Patadia, Head, Department of Mathematics, for his continuous encouragement and support. My thanks are also due to all concerned administrative staff of The Maharaja Sayajirao University of Baroda for their co-operation during my tenure as research scholar.

August 6, 2005


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