## ACKNOMLEDGEMENTS

The present dissertation has been prepared under the enthusiastic encouragement and inspiring guidance of Dr.B.B.Waghmode, Reader, Department of Mathematics, Shivaji University, Kolhapur. I must express my deep sense of gratitude and indebtedness to him for providing the strong motivation during the course of this work.

I am extremely grateful to Dr. L.Radhakrishna, Prof. and Head Deptt.of Mathematics,Shivaji University, Kolhapur, for constant encouragement and for availing me the departmental facilities.

My thanks go to the teaching and non-teaching staff of the Department of Mathematics for their kind co-operation. I am also thankful to the Chief and the Staff of the Barrister Balasaheb Khardekar Library, Shivaji University, Kolhapur.

Mu sincere thanks: go to my research colleagues Mrs.V.Z.Badade, Prof.A.L.Jadhav,Mr.D.B.Unde,Mr.Vinayak K.Patil for their kind cooperation. I must put on the record my sincere thanks to my friends Shri.VILAS SHINDE AND Nagesh Kokate for their constant inspiration. No words are enough to express my heartiest gratitudes to my family members for their constant encouragement and the financial help rendered during the course.

Last but not least, 1 would like to express my sincere thanks to Kum.HARSHUARDHAN C.MORE for his meticulous TYPING of this dissertation

Place : Kolhapur
(Mr.S.K.PAWAR )
Date : 27-2-93.

