ACKNOWLEDGEMENT

above valuable help. My thanks are also due to their elder son Master Pavan Naik who helped in the computer work.

I am also grateful to Prof. A. A. Mudalgi, Head, Dept. of Mathematics, Smt. Kasturbai Walchand College, Sangli and Dr. P. V. Koparde, Head, Dept. of Mathematics, Jaysingpur College, Jaysingpur for motivating and inspiring me to undertake and complete the research work.

I am also extremely thankful to the Librarian, Shivaji University, Kolhapur and her staff for their co-operation in making me available the required books for this work.

I have to mention my special thanks to my colleague and friend   Shri. Milind Mohire for his every kind help, words of encouragement and useful practical suggestions from time to time to complete this work.

I cannot forget to mention my deep sense of gratitude to my loving mother Smt. Kusum Ainapure whose blessings throughout my educational career have been fruitful. Last but not least, I am indebted to my wife Mrs. Padmaja Ainapure and my daughter, baby doll Rutuja of 2 years for their for cooperation during my M.Phil. research work.

Place : Kolhapur

Date : 25/05/2004.

Chandrakant Ainapure