

## ACKNOWLEDGEMENT

I have a great pleasure to have been associated with and worked under the able and inspiring guidance of **Dr. (Mrs.) V.S. Pawar**, Lecturer, Department of Mathematics, Shivaji University, Kolhapur, under whose keen supervision the dissertation has been prepared by me. I have been receiving her valuable suggestions and constant encouragement without which it would not have been possible for me to accomplish my purpose. I take this opportunity to acknowledge my sincere feelings of gratitude and respect for her valuable help throughout the present work.

I must put on record my sincere feelings of gratitude and respect towards **Dr. L. Radhakrishna**, Professor and Head, Department of Mathematics, Shivaji University, Kolhapur, for his constant encouragement and valuable help during the period of present work.

No words are enough to express my heartiest gratitudes to **Dr. B. B. Waghmode**, Reader, Department of Mathematics, Shivaji University, Kolhapur and his family members for their constant inspiring encouragement during last three years.

My thanks goes to the members of the teaching and non-teaching staff of the Department of Mathematics, Shivaji University for their encouragement and cooperation.

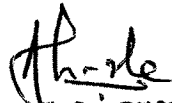
My deepest gratitudes and respect towards **Dr. C. S. Manjrekar**, Lecturer, Department of Mathematics, Vivekanand College, Kolhapur for his valuable suggestions while preparing the dissertation.

Special thanks to my friends **Mr. P. V. Koparde**, **Mr. T. B. Jagtap**, **Mr. A. M. Pathan**, **Mr. A. G. Unde**, **Mr. J. K. John**, **Mr. A. N. Thite**, **Mr. S. M. Aherkar**, **Mr. B. D. Kale**, **Mr. H. L. Mali**, **Mr. P. G. Deshmukh** and **Miss. V. M. Sangar** for useful discussions during the period of present investigations.

Lastly, I express my sincere thanks to **Shri. V. V. Apte** for his clean and neat typing the dissertation.

KOLHAPUR.

DATE : 23<sup>rd</sup> NOV 1990

  
(Mr. H.S. BHOSALE)