ACKNOWLEDGEMENTS

The feeling of gratitude when expressed in words is only half its acknowledgment. I gratefully acknowledge the valuable guidance of Dr. B.K.Sharma, Head, School of Studies in Mathematics, Pandit Ravishankar Shukla University, Raipur, India, who was kind enough to supervise this study. I always found him ready with an encouraging heart and a helping hand. Dr.B.K.Sharma, gently but firmly pointed out the imperfections, guided me through the intricacies whenever I staggered, and also occasionally shook me out of my complacency. I wonder whether I will be able to prove myself worthy of his affection.

Expression fails to produce my overwhelming sense of gratitude, devotion and incontestable regards to Late Dr. P.L.Sharma, Head, Department of Mathematics, University of Sagar, Sagar, who kindly took the trouble of going through the first draft of this thesis.
and offered me relevant advice, which I have endeavored to carry out in the final version.

I should not forget here the great encouragement and blessings that Dr. S.A. Naimpally, Lakehead University, Canada and Dr. W.A. Kirk, University of Iowa, U.S.A., showered on me.

I am highly grateful to Dr. B.E. Rhoades, Dr. Y.J. Cho, Dr. B. Fisher, Dr. C. Morales, and Dr. X.L. Weng, for helping me with the papers I needed time to time. Equally grateful am I to Dr. H.K. Xu, Dr. J. Schu, Dr. J. Gornicki, Dr. C.E. Chidume, for their kind help and inspiration.

My warmest and sincere thanks are due to my friends Shri Y.P. Hardel and Shri Gupteshwar Gupta, who have helped me in my research work in the hour of need.

I am indebted to my father Shri C.S. Thakur and mother Smt. Mongra Thakur who had encouraging me in my
academic pursuits. But for their loving encouragement, it could be never have been possible for me to involve myself in my research work.

My beloved maternal uncle Late Shri Aniruddha Singh Thakur, who has always been a great source of inspiration to me. Infact, he was instrumental in my becoming a Research Scholar, I record here my abiding obligation to him.

I am thankful to Shri M.R.Yadav, Senior Technical Assistant, School of Studies in Mathematics, Pandit Ravishankar Shukla University, Raipur, for his excellent computer work and computer typing.

Last but not least, my sincere thanks to all my friends and colleagues who in some way or another way helped me in achieving the completion of this study.

(Balwant Singh Thakur)