ACKNOWLEDGEMENTS

1. I cannot find adequate words to express my deep sense of gratitude to my supervisor, Professor S.K. Verma, who helped me a great deal through detailed discussions in organizing my thoughts on various aspects of this dissertation. His frank comments on different parts that I showed him from time to time were of immense help to me.

2. My gratitude to my colleague, Dr. T. Balasubramanian, is also immense. I am very grateful to him for the extraordinary patience he showed in going through my manuscript and also for many useful comments and suggestions that he offered.

3. I am also grateful to other friends and colleagues like S.V. Parasher, Q.Z. Alam and Mukta Bhatnagar who read parts of the dissertation and offered useful comments.

4. My debt to my children who spent many hours day after day in checking the proofs of the typed copy is indeed immense. I would have felt quite helpless without them. I am also grateful to my wife, Shanti, who gave me excellent co-operation during the entire period of my research.

5. Lastly, I am very grateful to V. Sankara Rao who typed out this dissertation taking immense pains.

R.C. Arya.