I am deeply grateful to Dr. R. K. Deka, Reader Department of Mathematics and Dr. A. Gohain Barua Reader, Department of Physics, Gauhati University under whose guidance and advice this work was done.

I wish to thank Prof. K. C. Choudhury, Head of the Department of Mathematics, Gauhati University and Prof. T. K. Dutta, Former Head of the Department of Mathematics, Gauhati University Pin – 781014 for providing me the necessary facilities of the Computer Laboratory for carrying out this work in Mathematics Department.

I am indebted to University Grants Commission, North Eastern Regional Office Dispur—781006 Guwahati for granting my leave (Faculty Improvement Programme during the (X Plan period) and also Principal of R. G. Baruah College, Dr. P. Saikia, Ambari Fatasil, Guwahati -781025 for her cooperation.

I gratefully acknowledge the contributions of my wife Pori, in-laws, brother in law Prayag and Rasna, sons and my other family members who are always supportive and without whose constant words of encouragements this work would not have seen the light of day.

I am deeply thankful to Prof. G. D. Barua, Professor Emeritus AICTE, Dibrugarh University, and Department of Physics for some stimulating discussion to carry out this work.

Amp Kumar Deka
2.3.2007.