ACKNOWLEDGEMENTS

The author wishes to express her deep gratitude to Dr.K.C.Chattopadhyay, Reader of the Department of Mathematics, The University of Burdwan, for his suggesting the research problem, rendering valuable services as supervisor of the research work and for his constant inspiration and encouragement during the entire period of investigation. The author says that only his valuable suggestions and discussions about the problems and their solutions leads her to complete the entire work of the thesis. Besides, the author is thankful to other respected teachers of the Department of Mathematics, The University of Burdwan, for their kind interest in the work which have stimulated her studies in the various way.

The author also gratefully acknowledges the cooperation and help received from the non-teaching staff of the Mathematics Department of the University.

The author takes the opportunity to thank the University Grants Commission, New Delhi and the University of Burdwan for awarding a research fellowship for undertaking the work.

Finally, the author also wishes to thank Mr.Asit Baran Sinha, SK(G), Finance Department of the University, for typing the thesis.

Department of Mathematics
The University of Burdwan
Burdwan-713104
INDIA.

Sushama Guin

( Sushama Guin )