

A C K N O W L E D G E M E N T S

I have a great pleasure to record my deep sense of gratitude and indebtedness to my guide Dr.B.B.Waghmode, Reader, Department of Mathematics, Shivaji University, Kolhapur, for his inspiring guidance and constant encouragement during the preparation of this disseratation. I take this appportunity of acknowledging my sincere feelings of gratitude and respect for his valuable help - throughout the present work.

I am also grateful to Dr.L.Radhakrishnan, Professor and Head, Department of Mathematics, Shivaji University, Kolhapur, for his kind help and co-operation.

I am very grateful to Shri B.S.Patil, my father and Sou.S.B.Patil, my mother who took keen interest in my research work and gave me full - encouragement during the preparation of this disseration. Without their involvement, the present dissertation could not have been completed.

I am grateful to Dr.B.N.Kulkarni, Dean of Science Faculty, Shivaji University, Kolhapur & Shri R.B.Patil, for their kind help and encouragement.

I am also very grateful to Dr.J.F.Patil ,
Reader, Economics Department, Shivaji University,
Kolhapur, for their kind help and co-operation.

My thanks go to Kum.Vandana Sangar for
her useful discussion during the period of this
work.

My gratitude to Shri M.B.Kavathekar, my
husband and my other family members is beyond words.
Their encouragement is the basis inspiration of this
work.

I am thankful to the personnels of Shivaji
University, Kolhapur- Library, for the prompt and
courteous assistance in collecting the relevant -
literature.

Lastly I thank Shri V.M.Kumbhar who gave
his valuable time for neat and clean typing with
meticulous care.

SHIVAJI UNIVERSITY,

KOLHAPUR - 416 004

Date - 20-3-1990

N.B.Patil
(N.B.PATIL)