PREFACE

The thesis comprises the work done by me in the department of Humanities and Science, Sri Nandhanam College of Engineering and Technology, Thirupattur during 2007-2012 under the guidance of Dr.K.Usha, Associate Professor of Mathematics, Queen Mary’s College, Chennai.

In the first chapter, a brief introduction to the thesis with some basic definitions has been given and in the second Chapter literature survey of the inventory models has been given. The content of Chapter three has appeared in International Journal of Applied Mathematics. The contents of Chapters four and five have appeared in International Journal of Contemporary Mathematical Sciences. The content of Chapter six has appeared in International Journal of Mathematical Archive. The content of Chapter seven is accepted for publication in International Journal of Mathematical Archive.

First I would like to express my deepest and warmest gratitude to my supervisor Dr. K. Usha for her invaluable guidance and motivation throughout the course of my research work, without whose constructive criticism and untiring support, I would not have reached the milestones where I stand now. I deeply thank Dr.R.Ramanarayanan, for his support and encouragement during the period of my research work.

I am grateful to Sri.P.M.M. Nandhagopal, Chairman Sri Nandhanam College of Engineering and Technology, for his help and co-operation and I express my thanks to my
Principal, H.O.D.

Special thanks go to my family and friends who have been very supportive and helpful during my research. This goal has been made easier by the support of these important people, and I am grateful to them.

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