P R E F A C E

This dissertation consists of two chapters. The
first chapter is introductory which surveys the historical
background and incorporates a few relevent basic concepts
from the earlier work. In the same chapter we have derived
some formulae which are useful in our further work. Chapter
two covers the study of generalized Hankel transform with the
help of the operators of fractional integration. Every
chapter is divided into sections and each section is
further divided into subsections. The decimal system has
been used in numbering these sections and subsections.
Hence 1.15 means fifth subsection of the first section in
the first chapter whereas 2.151 means first subsection of
2.15. The equations are numbered within the chapter and
are put within brackets. Thus (2.8) means eight equation
in the second chapter.

References to the literature that have been used
in this work are given at the end of this dissertation in
alphabetical order. In the text these have been referred to
by putting within square brackets the serial number of the
reference and wherever possible the page number, i.e.,
$\begin{bmatrix} 12, & p. & 101 \end{bmatrix}$ means the page 101 of the twelfth reference.