

INTRODUCTION TO BESSEL FUNCTIONS

By Frank Bowman

Dover Publications Inc.
New York

CONTENTS

CHAPTER	PAGE
I. BESSEL FUNCTIONS OF ZERO ORDER	1
II. APPLICATIONS	20
III. MODIFIED BESSEL FUNCTIONS	41
IV. DEFINITE INTEGRALS	57
V. ASYMPTOTIC EXPANSIONS	71
VI. BESSEL FUNCTIONS OF ANY REAL ORDER	87
VII. APPLICATIONS	122
INDEX	135