## CONTENTS

	Page No.
Introduction PART I	1
Chapters Landson Lands	
I The Determination of Eigenfunctions of a Certain Sturm-Liouville Equation and its Application to Problems of Heat-Transfer	7
II Problems of Heat-Transfer by Laminar Flow.	
(A) In Circular Tube - Poiseuille Flow	33
(B) In Circular Tube - Plug Flow	60
(C) Between Parallel Plates Under the Action of Transverse Magnetic Field - Hartmann's Flow	67
PART II	
III Heat-Transfer by Laminar Flow from a Rotating Sphere	87