## **CONTENTS**

Chapter 1:	Preliminaries						
	Basics						13
	Statements of exercises 1 to 8						16
	Solutions of exercises 1 to 8						18
Chapter 2:	Distributions						
	Basics						27
	Statements of exercises 9 to 20						29
	Solutions of exercises 9 to 20						33
Chapter 3:	Differentiation in the space o	f d	istril	outio	ons		
	Basics						53
	Statements of exercises 21 to 41						54
	Solutions of exercises 21 to 41						61
Chapter 4:	Convergence in the spaces of distributions						
	Basics						89
	Statements of exercises 42 to 52						89
	Solutions of exercises 42 to 52						94
Chapter 5:	Convolution of distributions						
	Basics						113
	Statements of exercises 53 to 65						114
	Solutions of exercises 53 to 65						118
Chapter 6:	Fourier and Laplace transform	ns (	of di	stril	outic	ons	
	Basics						137
	Statements of exercises 66 to 89						141
	Solutions of exercises 66 to 89		•				149
Chapter 7:	Applications						
	Statements of exercises 90 to 109						185
	Solutions of exercises 90 to 109					•	201
BIBLIOGRAPHY							241
INDEX .							243
INDEX OF N	NOTATIONS						245