		CONTENTS	
CHAPTER	: 0	INTRODUCTION	1
CHAPTER	<i>3</i> I	PROBABILITY INEQUALITY AND APPLICATIONS: VIA MAJORIZATION.	
	1.0	Introduction	4
	1 . 1	Elementary concepts and examples	4
	1.2	Schur-concave and Schur-convex functions	15
	1.3	Applications of inequalities	31
CHAPTER	; II	CONVEXITY : RELATED INEQUALITIES AND APPLICATIONS	
	2 .0	Introduction	ታታ
	2.1	Elementary Concepts	45
	2.2	Confidence region	68
	2.3	Anderson's theorem and its applications	77
• •	••	REFERENCES	91