## TABLE OF CONTENTS

	Preface				
	Table	of	Contents	vii	
Chapter					
•	7	Int	roduction	1	
	2	2A 2B		3 4 7 11 18 21	
	3	3A 3B 3C 3D	Mptotic Characteristics of the Estimates General Remarks Linear Combination of Order Statistics M-estimates Skipped Procedures Other Estimates	29 29 31 39 45 48	
	4	4A 4B 4C 4D		55 56 58 58 61 62	
	5	5A 5B 5C 5D 5E 5F 5G	Sensitivity and Influence Curves Breakdown Bounds Ease of Computation Trimmed Means	64 67 69 81 96 102 104 107	

## TABLE OF CONTENTS (cont.)

6	A D 6A 6B 6C 6D	etailed Analysis of the Variances Introductory Considerations Selected Families of Estimates Comparison of Families for n=20	116 119 129 133
	6E 6F	Comparisons of Individual Estimates with Selected Families for n=20 Specific Estimates for n=20 Comparison between Variances and	147 155
	6G 6H 6I	Pseudovariances The Effects of Modifying Hubers Should We Rescale with n? Comparison of Sitsteps and Related	160 180 193
	6J	Families for Smaller n Comparison of Families and Some Estimates	201
	6K 6L 6M	at n's of 40, 10 and 5 The Conservative Approach A Radical Approach Further Comments	205 213 216 219
7	Gene 7A 7B	eral Discussion What Have We Learned? Comparing Across Situations; A Practical View	222 223 228
	7C	Some Questions and Answers (for Hurried	
	7D	Readers) Preliminary Impressions and Tentative Conclusions	237
	7E	An Unsystematic Overview	255
NOTE:	T	nere are no chapters 8-10	
ices 11	Prog	grams of the Estimates	261
12	12A	dom Number Generations - Details Random Number Computer Programs Random Sample Generation Procedures	306 306 308

Append

## TABLE OF CONTENTS (cont.)

13	Dual-	-Criterion Problems in Estimation	310			
		Variance Criteria: Sets of Estimates	310			
	13B	Variance Criteria: Bayesian Blues	317			
		Variance Criteria: Estimating the				
		Bounding Curve	318			
	13D	Two Variances: Combined Pictures	321			
	13E	Further Modifications	322			
	13F					
		Cases - Cramer Rao Methods - Bounds				
		Depend on N	324			
	13G	Bounds for Variances - Two Situation				
		Cases - Other Methods	330			
14	Integ	gration Formulas, More or Less				
	Repla	acement for Monte Carlo	334			
	14A	Fundamentals	334			
	14B	Examples for a Single Coordinate	341			
15		e Carlo for Contaminated Gaussians	349			
	15A	Outline	349			
	15B					
		Gaussian Location and Scale Configuration				
		in Low and Moderately Low Dimensions	351			
	15C	Taking Advantage of Two Coordinates in				
		Unsimplified Monte Carlo	355			
	15D	Miscellaneous Notes on Monte Carlo	364			
			369			
Refer	References					