

Contents

Preface	v
Introduction	vii
1. 2^n Factorial Experiments (Complete and Incomplete Blocks)	1
2. Fractional Factorial Experiments for Two-Leveled Factors (Numerator of Fractions is One)	26
3. Three-Level Factorial Experiments	48
4. Mixed Factorial Experiments and Other Incomplete Block Designs	66
5. Fractional Factorial Experiments for Factors with Two Levels (Numerator of Fractions Greater than One)	87
Appendix 1: Fractional Factorial Designs for Experiments with Factors at Two and Three Levels	117
Appendix 2: Fractional Factorial Experiment Designs for Factors at Three Levels	185
Appendix 3: Fractional Factorial Experiment Designs for Factors at Two Levels	227
Appendix 4: Partially Nonorthogonal Designs	317
Index	370