1. Record Nr. UNINA9910713643103321

Autore	Raymond Lee H.
Titolo	Use of landsat thematic mapper data to identify crop types and estimate irrigated acreage, Uvalde and Medina Counties, Texas, 1991 / / by Lee H. Raymond and Scott I. McFarlane
Pubbl/distr/stampa	Austin, Texas : , : U.S. Geological Survey, , 1994
Descrizione fisica	1 online resource (iii, 19 pages) : maps, (some color)
Collana	Water-resources investigations report ; ; 93-4233
Soggetti	Irrigation - Texas - Remote sensing Artificial satellites in geographical research Landsat satellites Irrigation - Remote sensing Edwards Aquifer (Tex.) Texas Texas Edwards Aquifer
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Prepared in cooperation with the Edwards Underground Water District."
Nota di bibliografia	Includes bibliographical references (pages 18-19).

2. Record Nr. UNINA9910831056303321

Autore	Heiberger Richard M. <1945->
Titolo	Computation for the analysis of designed experiments / / Richard M. Heiberger
Pubbl/distr/stampa	New York ; ; Chichester ; ; Brisbane : , : John Wiley & Sons, , 1989 ©1989
ISBN	1-119-10287-1 1-119-10280-4
Descrizione fisica	1 online resource (704 p.)
Collana	Wiley Series in Probability and Statistics
Disciplina	519.5 519.50285
Soggetti	Mathematical statistics - Data processing Analysis of variance - Data processing Experimental design
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""Front Cover""; ""Copyright Page""; ""Contents""; ""Preface""; ""Acknowledgments""; ""PART I COMPARATIVE STUDIES AND DESIGNED EXPERIMENTS""; ""1. Introduction""; ""1.1 Comparative Studies and Designed Experiments""; ""1.2 Programming Systems""; ""1.3 Least Squares and Analysis of Variance""; ""1.4 Interpretation of Design Specifications""; ""1.5 Analysis of Designed Experiments""; ""2. Simple Designed Experiments""; ""2.1 Principles of Designed Experiments""; ""2.1.1 Analysis of Designed Experiments""; ""2.1.2 Types of Simple Design""; ""2.2 The One-Way Design"" ""2.2.1 Design Specification Statements""""2.2.2 Suppression of Redundant Notation""; ""2.2.3 The Experiment""; ""2.2.4 The Analysis""; ""2.3 The Blocked Design""; ""2.3.1 Consequences of Ignoring Blocks""; ""2.3.2 Specification of the Blocked Design""; ""2.3.3 The Experiment""; ""2.3.4 The Analysis""; ""2.3.5 An Alternative Design Specification""; ""2.3.6 Relative Efficiency of Blocking""; ""2.4 The Crossed Design""; ""2.4.1 Specification of the Crossed Design""; ""2.4.2 The Experiment""; ""2.4.3 The Analysis""; ""2.5 The Nested Design""; ""2.5.1 Specification of the Nested Design""

""2.5.2 The Experiment""""2.5.3 The Analysis""; ""2.5.4 An Alternative Design Specification""; ""2.6 Comparison""; ""2.6.1 Inference""; ""2.6.2 Cost""; ""2.6.3 Specification""; ""2.7 Exercises""; ""PART II PROGRAMMING SYSTEMS""; ""3. User-level Considerations""; ""3.1 Program Behavior""; ""3.1.1 Batch Behavior of Programs""; ""3.1.2 Interactive Behavior of Programs""; ""3.2 User Documentation""; ""3.3 Aids to Interaction""; ""3.3.1 Error Handling""; ""3.3.2 Session Log""; ""3.3.3 Macros""; ""3.4 Input and Output Files""; ""3.5 Text Editors""; ""3.6 Testing of Programs""
""3.6.1 Random Input""""3.6.2 Standard Cases""; ""3.6.3 Boundary Conditions""; ""3.6.4 Pathological Example""; ""3.6.5 Numerical Stability""; ""3.7 Exercises""; ""4. Design of Individual Programs""; ""4.1 Programming Style""; ""4.1.1 Modular Programming""; ""4.1.2 Structured Programming""; ""4.1.3 Commented Code""; ""4.1.4 Choice of Algorithms""; ""4.1.5 Organization of Output on the Screen and Page""; ""4.2 Documentation""; ""4.2.1 User Documentation""; ""4.2.2 System Documentation""; ""4.2.3 Program Self-Documentation""; ""4.3 Host Language""; ""4.4 Exercises""
""5. Construction of Program Systems""""5.1 Programming Conventions""; ""5.2 Modularity""; ""5.3 Subroutine Communication""; ""5.3.1 Arguments""; ""5.3.2 Scope of Variable Definition""; ""5.3.3 Common Storage""; ""5.3.4 Files""; ""5.4 Programs Larger Than Available Computer Memory""; ""5.4.1 Overlay Structures""; ""5.4.2 Virtual Memory""; ""5.5 Portability""; ""5.5.1 Fortran""; ""5.5.2 BASIC""; ""5.5.3 APL""; ""5.5.4 C""; ""5.6 Extensibility""; ""5.6.1 Macro Facility""; ""5.6.2 Access to Computer Operating System""; ""5.6.3 Adding New Procedures""; ""5.7 Error Handling""; ""5.8 Maintenance""
""5.9 Exercises""

Sommario/riassunto

Addresses the statistical, mathematical, and computational aspects of the construction of packages and analysis of variance (ANOVA) programs. Includes a disk at the back of the book that contains all program codes in four languages, APL, BASIC, C, and FORTRAN. Presents illustrations of the dual space geometry for all designs, including confounded designs.