

Download free Language acquisition made practical field methods for language learners (Download Only)

interviews focus groups and questionnaires are everyday tools of the academic researcher in business and management studies most research degrees and many academic peer reviewed journal papers have employed one or more of these techniques ironically the knowledge and skills required to use these tools are not often well taught and the books available on these topics can be daunting this highly accessible book addresses these three field methods and explains how they may be employed to good effect the book also provides examples or research protocols letters and checklists which are of direct use to researchers using these methods the new edition includes chapters on data management data saturation and more field methods for academic research provides an accessible reference guide for those like me who need to be introduced to these practices in a jargon free way robert pulley great job and indeed a very original book you have got what it takes to reflect both your academic and life experiences that assist many new researchers like myself george simataa field methods in marine science from measurements to models is an authoritative guide of the methods most appropriate for field research within the marine sciences from experimental design to data analysis written for upper level undergraduate and graduate students as well as early career researchers this textbook also serves as an accessible introduction to the concepts and practice of modeling marine system dynamics this textbook trains the next generation of field scientists to move beyond the classic methods of data collection and statistical analysis to contemporary methods of numerical modeling to pursue the assimilation and synthesis of information not the mere recording of data boxes and side bars highlight important questions interesting facts relevant examples and research techniques that supplement the text students and researchers alike will find the thorough appendices useful as a way of expanding comprehension of fundamental concepts this concise much needed guide takes readers step by step through planning and executing field work associated with many different types of remote sensing projects remote sensing texts and research reports typically focus on data analytic techniques while offering a dearth of information on procedures followed in the field in contrast this book provides clear recommendations for defining field work objectives devising a valid sampling plan finding locations using gps and selecting and using effective measurement techniques for field reflectance spectra and for studies of vegetation soils water and urban areas appendices feature sample field note forms an extensive bibliography on advanced and specialized methods and online metadata sources field methods in marine science from measurements to models is an authoritative guide of the methods most appropriate for field research within the marine sciences from experimental design to data analysis written for upper level undergraduate and graduate students as well as early career researchers this textbook also serves as an accessible introduction to the concepts and practice of modeling marine system dynamics this textbook trains the next generation of field scientists to move beyond the classic methods of data collection and statistical analysis to contemporary methods of numerical modeling to pursue the assimilation and synthesis of information not the mere recording of data boxes and side bars highlight important questions interesting facts relevant examples and research techniques that supplement the text students and researchers alike will find the thorough appendices useful as a way of expanding comprehension of fundamental concepts field methods in archaeology has been the leading source for instructors and students in archaeology courses and field schools for 60 years since it was first authored in 1949 by the legendary robert heizer left coast has arranged to put the most recent seventh edition back into print after a brief hiatus making this classic textbook again available to the next generation of archaeology students this comprehensive guide provides an authoritative overview of the variety of methods used in field archaeology from research design to survey and excavation strategies to conservation of artifacts and record keeping authored by three leading archaeologists with specialized contributions by several other experts this volume deals with current issues such as cultural resource management relations with indigenous peoples and database management as well as standard methods of archaeological data collection and analysis the thoroughly revised and updated third edition of the acclaimed modern epidemiology reflects both the conceptual development of this evolving science and the

increasingly focal role that epidemiology plays in dealing with public health and medical problems coauthored by three leading epidemiologists with sixteen additional contributors this third edition is the most comprehensive and cohesive text on the principles and methods of epidemiologic research the book covers a broad range of concepts and methods such as basic measures of disease frequency and associations study design field methods threats to validity and assessing precision it also covers advanced topics in data analysis such as bayesian analysis bias analysis and hierarchical regression chapters examine specific areas of research such as disease surveillance ecologic studies social epidemiology infectious disease epidemiology genetic and molecular epidemiology nutritional epidemiology environmental epidemiology reproductive epidemiology and clinical epidemiology the problem of estimating animal abundance is common in wildlife management and environmental impact assessment capture recapture and removal methods are often used to estimate population size statistical inference from capture data on closed animal populations a monograph by otis et al 1978 provides us with a comprehensive synthesis of much of the wildlife and statistical literature on the methods as well as some extensions of the general theory in our primer we focus on capture recapture and removal methods for trapping studies in which a population is assumed to be closed and do not treat open population models such as the jolly seber model or catch effort methods in any detail the primer written for students interested in population estimation is intended for use with the more theoretical monograph since the introduction of ft nmr spectroscopy around five decades ago nmr has achieved significant advances in hardware and methodologies accompanied with the enhancement of spectral resolution and signal sensitivity rapid developments in the polymers field mean that accurate and quantitative characterization of polymer structures and dynamics is the keystone for precisely regulating and controlling the physical and chemical properties of the polymer this book specifically focuses on nmr investigation of complex polymers for the polymer community as well as nmr spectroscopists and will push the development of both fields it covers the latest advances for example high field dnp and ultrafast mas methodologies and show how these novel nmr methods characterize various synthetic and natural polymers a comprehensive treatment of methodologies in the rapidly advancing field of marine benthic algal ecology research methods for operations and supply chain management third edition is a toolkit of research approaches primarily for advanced students and beginner researchers but also a reference book for any researcher in operations and supply chain management oscm many students begin their careers in research limited by the one or few approaches taken by their department the concise accessible overviews found here equip them with an understanding of a variety of methods and how to use them enabling students to tailor their research project to their own strengths and goals the more seasoned researcher will find comprehensive descriptions and analyses on a wide variety of research approaches this updated and enhanced edition responds to the latest developments in oscm including the growing prominence of services and production of intangible products the complete supply chain and the increasing use of secondary data and of mixed approaches alternative research approaches are included and explored to help with the planning of research this edition also includes expanded literature reviews and analysis to guide students towards the next steps in their reading and more detailed step by step advice to tie theory with the research including contributions from an impressive range of the field s leading thinkers in oscm research this is a guide that no one embarking on an oscm research project should be without previous editions of this book were published under the title research methods for operations management and researching operations management provides an introduction to petroleum exploration methods referring to both geophysical and geochemical techniques and the logistics of various drilling techniques and well logging methods for oil and gas exploration the second part of the book focuses on using these methods for petroleum exploration within the context of northern africa the geology of northern africa is described and computerized lithographic correlation charts are presented and applied to petroleum exploration targets from the region in the last three decades there has been a dramatic increase in the use of interacting particle methods as a powerful tool in real world applications of monte carlo simulation in computational physics population biology computer sciences and statistical machine learning ideally suited to parallel and distributed computation these advanced particle algorithms include nonlinear interacting jump diffusions quantum diffusion and resampled monte carlo methods feynman kac particle models genetic and evolutionary algorithms sequential monte carlo methods adaptive and interacting markov chain monte carlo models bootstrapping methods ensemble kalman filters and interacting particle filters mean field simulation for monte carlo integration presents the first comprehensive and modern

mathematical treatment of mean field particle simulation models and interdisciplinary research topics including interacting jumps and mckean vlasov processes sequential monte carlo methodologies genetic particle algorithms genealogical tree based algorithms and quantum and diffusion monte carlo methods along with covering refined convergence analysis on nonlinear markov chain models the author discusses applications related to parameter estimation in hidden markov chain models stochastic optimization nonlinear filtering and multiple target tracking stochastic optimization calibration and uncertainty propagations in numerical codes rare event simulation financial mathematics and free energy and quasi invariant measures arising in computational physics and population biology this book shows how mean field particle simulation has revolutionized the field of monte carlo integration and stochastic algorithms it will help theoretical probability researchers applied statisticians biologists statistical physicists and computer scientists work better across their own disciplinary boundaries beginning with the development of finite difference equations and leading to the complete ftdt algorithm this is a coherent introduction to the ftdt method the method of choice for modeling maxwell s equations it provides students and professional engineers with everything they need to know to begin writing ftdt simulations from scratch and to develop a thorough understanding of the inner workings of commercial ftdt software stability numerical dispersion sources and boundary conditions are all discussed in detail as are dispersive and anisotropic materials a comparative introduction of the finite volume and finite element methods is also provided all concepts are introduced from first principles so no prior modeling experience is required and they are made easier to understand through numerous illustrative examples and the inclusion of both intuitive explanations and mathematical derivations

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business model design

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this text provides the theory and practice for conducting pharmaceutical policy research it covers all aspects of scientific research from conceptualising to statistical analysis it also provides scientific basis and a good understanding of the principles and practice of conducting pharmaceutical policy research this text shows the leaps of inspiration the challenges the thought processes and the errors inherent in completing a field work project these lecture notes are dedicated to the mathematical modelling analysis and computation of interfaces and free boundary problems appearing in geometry and in various applications ranging from crystal growth tumour growth biological membranes to porous media two phase flows fluid structure interactions and shape optimization we first give an introduction to classical methods from differential geometry and systematically derive the governing equations from physical principles then we will analyse parametric approaches to interface evolution problems and derive numerical methods which will be thoroughly analysed in addition implicit descriptions of interfaces such as phase field and level set methods will be analysed finally we will discuss numerical methods for complex interface evolutions and will focus on two phase flow problems as an important example of such evolutions this report from the second strategic highway research program shrp 2 which is administered by the transportation research board of the national academies presents evaluations of the capability of portable spectroscopy devices to fingerprint typical construction materials the spectroscopy devices are evaluated in laboratory conditions as well as in the field to verify material testing method combinations found successful the report also documents simple easy to use nondestructive testing procedures for use in the field to ensure quality construction the handbook of methods in cultural anthropology now in its second edition maintains a strong benchmark for understanding the scope of contemporary anthropological field methods avoiding divisive debates over science and humanism the contributors draw upon both traditions to explore fieldwork in practice the second edition also reflects major developments of the past decade including the rising prominence of mixed methods the emergence of new technologies and evolving views on ethnographic writing spanning the chain of research from designing a project through methods of data collection and interpretive analysis the handbook features new chapters on ethnography of online communities social survey research and network and geospatial analysis considered discussion of ethics epistemology and the presentation of research results to diverse audiences round out the volume the result is an

essential guide for all scholars professionals and advanced students who employ fieldwork eighteen contributors many with tribal ties cover the current state of collaborative indigenous archaeology in north america to show where the discipline is headed continent wide cases from the northeast to the southwest demonstrate the situated nature of local practice alongside the global significance of further decolonizing archaeology and by probing issues of indigenous participation with an eye toward method theory and pedagogy many show how the archaeological field school can be retailored to address politics ethics and critical practice alongside traditional teaching and research methods the subject of earth pressure is one of the oldest and most extensive chapters in soil mechanics and foundation engineering and is one of the pillars of structural engineering first the development of earth pressure theory is comprehensively described the descriptions range from the first approaches to the determination of earth pressure through continuum mechanical earth pressure models to the integration of earth pressure research into the disciplinary structure of geotechnics the main part of the book comprises a selection of current calculation basics the aim is to provide a collection of working instructions for foundation and structural engineers in construction companies consultants and in building supervision as well as students in order to further theoretical understanding the essential basics of the determination of earth pressure are first presented then the most important processes for active and passive earth pressure and at rest earth pressure for practical application are dealt with with spatial effects also being taken into account the book sets out to provide brief information about rarely encountered questions with references to further literature in recent years the dependency of earth pressure on displacement has been paid ever more attention this applies not just to the passive but also to the active case questions are repeatedly passed to the din committee calculation processes a selection of these is dealt with in the commentary to din 4085 which came out in september 2018 the history of earth pressure theory is supplemented by 40 selected short biographies of scientists and practical engineers who have taken up the subject and further developed it over the years the book also has two appendices with terms formula symbols and indices as well as earth pressure tables biochemical analysis is a rapidly expanding field and is a key component of modern drug discovery and research methods of biochemical analysis provides a periodic and authoritative review of the latest achievements in biochemical analysis founded in 1954 by professor david glick methods of biochemical analysis provides a timely review of the latest developments in the field carbon stored in soils represents the largest terrestrial carbon pool and factors affecting this will be vital in the understanding of future atmospheric co2 concentrations this book provides an integrated view on measuring and modeling soil carbon dynamics based on a broad range of in depth contributions by leading scientists it gives an overview of current research concepts developments and outlooks and introduces cutting edge methodologies ranging from questions of appropriate measurement design to the potential application of stable isotopes and molecular tools it includes a standardised soil co2 efflux protocol aimed at data consistency and inter site comparability and thus underpins a regional and global understanding of soil carbon dynamics this book provides an important reference work for students and scientists interested in many aspects of soil ecology and biogeochemical cycles policy makers carbon traders and others concerned with the global carbon cycle covers the latest methodologies and research on international comparative surveys with contributions from noted experts in the field advances in comparative survey methodology examines the most recent advances in methodology and operations as well as the technical developments in international survey research with contributions from a panel of international experts the text includes information on the use of big data in concert with survey data collecting biomarkers the human subject regulatory environment innovations in data collection methodology and sampling techniques use of paradata across the survey lifecycle metadata standards for dissemination and new analytical techniques this important resource contains contributions from key experts in their respective fields of study from around the globe highlights innovative approaches in resource poor settings and innovative approaches to combining survey and other data includes material that is organized within the total survey error framework presents extensive and up to date references throughout the book written for students and academic survey researchers and market researchers engaged in comparative projects this text represents a unique collaboration that features the latest methodologies and research on global comparative surveys this book unifies the most important geometries used to develop analytical solutions for hydrodynamic boundary value problems smart geotechnics for smart societies contains the contributions presented at the 17th asian regional conference on soil mechanics

and geotechnical engineering 17th arc astana kazakhstan 14 18 august 2023 the topics covered include geomaterials for soil improvement tunneling and rock engineering slope embankments and dams shallow and deep foundations soil dynamics and geotechnical earthquake engineering geoenvironmental engineering and frost geotechnics investigation of foundations of historical structures and monitoring offshore harbor geotechnics and geoenergy megaprojects and transportation geotechnics smart geotechnics for smart societies will be of interest to academics and engineers interested or involved in geotechnical engineering two longtime fieldworkers offer mentors advice on finding and mapping archaeological sites they outline the logic behind field surveying and the various designs used for survey projects recognizing that logistical issues like schedule budget and equipment are equally important to complete the job particularly in a cultural resource management context the authors also guide new professionals through the practical details of their work the volume also ranges through the legal and ethical context of fieldwork and the various geophysical methods available for non intrusive surveying as a handy guide for novices or a text for students and field schools collins and molyneaux s book will be the place to start

Field Methods for Academic Research: Interviews, Focus Groups and Questionnaires 3rd Edition 2012-07-12

interviews focus groups and questionnaires are everyday tools of the academic researcher in business and management studies most research degrees and many academic peer reviewed journal papers have employed one or more of these techniques ironically the knowledge and skills required to use these tools are not often well taught and the books available on these topics can be daunting this highly accessible book addresses these three field methods and explains how they may be employed to good effect the book also provides examples or research protocols letters and checklists which are of direct use to researchers using these methods the new edition includes chapters on data management data saturation and more field methods for academic research provides an accessible reference guide for those like me who need to be introduced to these practices in a jargon free way robert pulley great job and indeed a very original book you have got what it takes to reflect both your academic and life experiences that assist many new researchers like myself george simataa

Light Field Methods for the Visual Inspection of Transparent Objects 2019-08-22

field methods in marine science from measurements to models is an authoritative guide of the methods most appropriate for field research within the marine sciences from experimental design to data analysis written for upper level undergraduate and graduate students as well as early career researchers this textbook also serves as an accessible introduction to the concepts and practice of modeling marine system dynamics this textbook trains the next generation of field scientists to move beyond the classic methods of data collection and statistical analysis to contemporary methods of numerical modeling to pursue the assimilation and synthesis of information not the mere recording of data boxes and side bars highlight important questions interesting facts relevant examples and research techniques that supplement the text students and researchers alike will find the thorough appendices useful as a way of expanding comprehension of fundamental concepts

A Handbook of Field Methods for Research on Rice Stem-Borers and Their Natural Enemies 1970

this concise much needed guide takes readers step by step through planning and executing field work associated with many different types of remote sensing projects remote sensing texts and research reports typically focus on data analytic techniques while offering a dearth of information on procedures followed in the field in contrast this book provides clear recommendations for defining field work objectives devising a valid sampling plan finding locations using gps and selecting and using effective measurement techniques for field reflectance spectra and for studies of vegetation soils water and urban areas appendices feature sample field note forms an extensive bibliography on advanced and specialized methods and online metadata sources

Field Methods in Marine Science 2020-10-12

field methods in marine science from measurements to models is an authoritative guide of the methods most appropriate for field research within the marine sciences from experimental design to data analysis written for upper level undergraduate and graduate students as well as early career researchers this textbook also serves as an accessible introduction to the concepts and practice of modeling marine system dynamics this textbook trains the next generation of field scientists to move beyond

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Introduction to Geographic Field Methods and Techniques 1986

field methods in archaeology has been the leading source for instructors and students in archaeology courses and field schools for 60 years since it was first authored in 1949 by the legendary robert heizer left coast has arranged to put the most recent seventh edition back into print after a brief hiatus making this classic textbook again available to the next generation of archaeology students this comprehensive guide provides an authoritative overview of the variety of methods used in field archaeology from research design to survey and excavation strategies to conservation of artifacts and record keeping authored by three leading archaeologists with specialized contributions by several other experts this volume deals with current issues such as cultural resource management relations with indigenous peoples and database management as well as standard methods of archaeological data collection and analysis

Field Methods in Remote Sensing 2005-01-01

the thoroughly revised and updated third edition of the acclaimed modern epidemiology reflects both the conceptual development of this evolving science and the increasingly focal role that epidemiology plays in dealing with public health and medical problems coauthored by three leading epidemiologists with sixteen additional contributors this third edition is the most comprehensive and cohesive text on the principles and methods of epidemiologic research the book covers a broad range of concepts and methods such as basic measures of disease frequency and associations study design field methods threats to validity and assessing precision it also covers advanced topics in data analysis such as bayesian analysis bias analysis and hierarchical regression chapters examine specific areas of research such as disease surveillance ecologic studies social epidemiology infectious disease epidemiology genetic and molecular epidemiology nutritional epidemiology environmental epidemiology reproductive epidemiology and clinical epidemiology

Archaeology 2002

the problem of estimating animal abundance is common in wildlife management and environmental impact assessment capture recapture and removal methods are often used to estimate population size statistical inference from capture data on closed animal populations a monograph by otis et al 1978 provides us with a comprehensive synthesis of much of the wildlife and statistical literature on the methods as well as some extensions of the general theory in our primer we focus on capture recapture and removal methods for trapping studies in which a population is assumed to be closed and do not treat open population models such as the jolly seber model or catch effort methods in any detail the primer written for students interested in population estimation is intended for use with the more theoretical monograph

Field Methods in Marine Science 2020-10-12

since the introduction of ft nmr spectroscopy around five decades ago nmr has achieved significant advances in hardware and methodologies accompanied with the enhancement of spectral resolution and signal sensitivity rapid developments in the

polymers field mean that accurate and quantitative characterization of polymer structures and dynamics is the keystone for precisely regulating and controlling the physical and chemical properties of the polymer this book specifically focuses on nmr investigation of complex polymers for the polymer community as well as nmr spectroscopists and will push the development of both fields it covers the latest advances for example high field dnp and ultrafast mas methodologies and show how these novel nmr methods characterize various synthetic and natural polymers

Field Methods in Archaeology 2016-09-16

a comprehensive treatment of methodologies in the rapidly advancing field of marine benthic algal ecology

Modern Epidemiology 2008

research methods for operations and supply chain management third edition is a toolkit of research approaches primarily for advanced students and beginner researchers but also a reference book for any researcher in operations and supply chain management oscm many students begin their careers in research limited by the one or few approaches taken by their department the concise accessible overviews found here equip them with an understanding of a variety of methods and how to use them enabling students to tailor their research project to their own strengths and goals the more seasoned researcher will find comprehensive descriptions and analyses on a wide variety of research approaches this updated and enhanced edition responds to the latest developments in oscm including the growing prominence of services and production of intangible products the complete supply chain and the increasing use of secondary data and of mixed approaches alternative research approaches are included and explored to help with the planning of research this edition also includes expanded literature reviews and analysis to guide students towards the next steps in their reading and more detailed step by step advice to tie theory with the research including contributions from an impressive range of the field s leading thinkers in oscm research this is a guide that no one embarking on an oscm research project should be without previous editions of this book were published under the title research methods for operations management and researching operations management

Capture-recapture and Removal Methods for Sampling Closed Populations 1982

provides an introduction to petroleum exploration methods referring to both geophysical and geochemical techniques and the logistics of various drilling techniques and well logging methods for oil and gas exploration the second part of the book focuses on using these methods for petroleum exploration within the context of northern africa the geology of northern africa is described and computerized lithographic correlation charts are presented and applied to petroleum exploration targets from the region

NMR Methods for Characterization of Synthetic and Natural Polymers 2019-07-29

in the last three decades there has been a dramatic increase in the use of interacting particle methods as a powerful tool in real world applications of monte carlo simulation in computational physics population biology computer sciences and statistical machine learning ideally suited to parallel and distributed computation these advanced particle algorithms include nonlinear interacting jump diffusions quantum diffusion and resampled monte carlo methods feynman kac particle models genetic and evolutionary algorithms sequential monte carlo methods adaptive and interacting markov chain monte carlo models bootstrapping methods ensemble kalman filters and interacting particle filters mean field simulation for monte carlo

integration presents the first comprehensive and modern mathematical treatment of mean field particle simulation models and interdisciplinary research topics including interacting jumps and mckean vlasov processes sequential monte carlo methodologies genetic particle algorithms genealogical tree based algorithms and quantum and diffusion monte carlo methods along with covering refined convergence analysis on nonlinear markov chain models the author discusses applications related to parameter estimation in hidden markov chain models stochastic optimization nonlinear filtering and multiple target tracking stochastic optimization calibration and uncertainty propagations in numerical codes rare event simulation financial mathematics and free energy and quasi invariant measures arising in computational physics and population biology this book shows how mean field particle simulation has revolutionized the field of monte carlo integration and stochastic algorithms it will help theoretical probability researchers applied statisticians biologists statistical physicists and computer scientists work better across their own disciplinary boundaries

Field methods for the identification of emerging viruses 1992

beginning with the development of finite difference equations and leading to the complete fdtd algorithm this is a coherent introduction to the fdtd method the method of choice for modeling maxwell s equations it provides students and professional engineers with everything they need to know to begin writing fdtd simulations from scratch and to develop a thorough understanding of the inner workings of commercial fdtd software stability numerical dispersion sources and boundary conditions are all discussed in detail as are dispersive and anisotropic materials a comparative introduction of the finite volume and finite element methods is also provided all concepts are introduced from first principles so no prior modeling experience is required and they are made easier to understand through numerous illustrative examples and the inclusion of both intuitive explanations and mathematical derivations

Near-surface, High Resolution Geophysical Methods for Cultural Resource Management and Archaeological Investigations 1985

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Handbook of Phycological Methods: Volume 4 1970

this text provides the theory and practice for conducting pharmaceutical policy research it covers all aspects of scientific research from conceptualising to statistical analysis it also provides scientific basis and a good understanding of the principles and practice of conducting pharmaceutical policy research

Field Methods for Measurement of Fluvial Sediment 1977

this text shows the leaps of inspiration the challenges the thought processes and the errors inherent in completing a field

work project

Methods for Collection and Analysis of Aquatic Biological and Microbiological Samples 2023-11-15

these lecture notes are dedicated to the mathematical modelling analysis and computation of interfaces and free boundary problems appearing in geometry and in various applications ranging from crystal growth tumour growth biological membranes to porous media two phase flows fluid structure interactions and shape optimization we first give an introduction to classical methods from differential geometry and systematically derive the governing equations from physical principles then we will analyse parametric approaches to interface evolution problems and derive numerical methods which will be thoroughly analysed in addition implicit descriptions of interfaces such as phase field and level set methods will be analysed finally we will discuss numerical methods for complex interface evolutions and will focus on two phase flow problems as an important example of such evolutions

Research Methods for Operations and Supply Chain Management 2008-09-26

this report from the second strategic highway research program shrp 2 which is administered by the transportation research board of the national academies presents evaluations of the capability of portable spectroscopy devices to fingerprint typical construction materials the spectroscopy devices are evaluated in laboratory conditions as well as in the field to verify material testing method combinations found successful the report also documents simple easy to use nondestructive testing procedures for use in the field to ensure quality construction

Field Methods for Petroleum Geologists 1753

the handbook of methods in cultural anthropology now in its second edition maintains a strong benchmark for understanding the scope of contemporary anthropological field methods avoiding divisive debates over science and humanism the contributors draw upon both traditions to explore fieldwork in practice the second edition also reflects major developments of the past decade including the rising prominence of mixed methods the emergence of new technologies and evolving views on ethnographic writing spanning the chain of research from designing a project through methods of data collection and interpretive analysis the handbook features new chapters on ethnography of online communities social survey research and network and geospatial analysis considered discussion of ethics epistemology and the presentation of research results to diverse audiences round out the volume the result is an essential guide for all scholars professionals and advanced students who employ fieldwork

Field and Laboratory Methods for Environmental Science for Non-Majors 1900

eighteen contributors many with tribal ties cover the current state of collaborative indigenous archaeology in north america to show where the discipline is headed continent wide cases from the northeast to the southwest demonstrate the situated nature of local practice alongside the global significance of further decolonizing archaeology and by probing issues of indigenous participation with an eye toward method theory and pedagogy many show how the archaeological field school can be retailored to address politics ethics and critical practice alongside traditional teaching and research methods

Report (United States. Department of Agriculture). 2013-05-20

the subject of earth pressure is one of the oldest and most extensive chapters in soil mechanics and foundation engineering and is one of the pillars of structural engineering first the development of earth pressure theory is comprehensively described the descriptions range from the first approaches to the determination of earth pressure through continuum mechanical earth pressure models to the integration of earth pressure research into the disciplinary structure of geotechnics the main part of the book comprises a selection of current calculation basics the aim is to provide a collection of working instructions for foundation and structural engineers in construction companies consultants and in building supervision as well as students in order to further theoretical understanding the essential basics of the determination of earth pressure are first presented then the most important processes for active and passive earth pressure and at rest earth pressure for practical application are dealt with with spatial effects also being taken into account the book sets out to provide brief information about rarely encountered questions with references to further literature in recent years the dependency of earth pressure on displacement has been paid ever more attention this applies not just to the passive but also to the active case questions are repeatedly passed to the DIN committee calculation processes a selection of these is dealt with in the commentary to DIN 4085 which came out in September 2018 the history of earth pressure theory is supplemented by 40 selected short biographies of scientists and practical engineers who have taken up the subject and further developed it over the years the book also has two appendices with terms formula symbols and indices as well as earth pressure tables

Mean Field Simulation for Monte Carlo Integration 2011-04-07

biochemical analysis is a rapidly expanding field and is a key component of modern drug discovery and research methods of biochemical analysis provides a periodic and authoritative review of the latest achievements in biochemical analysis founded in 1954 by professor David Glick methods of biochemical analysis provides a timely review of the latest developments in the field

Numerical Electromagnetics 2020-09-25

carbon stored in soils represents the largest terrestrial carbon pool and factors affecting this will be vital in the understanding of future atmospheric CO₂ concentrations this book provides an integrated view on measuring and modeling soil carbon dynamics based on a broad range of in depth contributions by leading scientists it gives an overview of current research concepts developments and outlooks and introduces cutting edge methodologies ranging from questions of appropriate measurement design to the potential application of stable isotopes and molecular tools it includes a standardised soil CO₂ efflux protocol aimed at data consistency and inter site comparability and thus underpins a regional and global understanding of soil carbon dynamics this book provides an important reference work for students and scientists interested in many aspects of soil ecology and biogeochemical cycles policy makers carbon traders and others concerned with the global carbon cycle

???????????????????? ????MBA???? 03 ??????? 2011

covers the latest methodologies and research on international comparative surveys with contributions from noted experts in the field advances in comparative survey methodology examines the most recent advances in methodology and operations as well as the technical developments in international survey research with contributions from a panel of international experts the text includes information on the use of big data in concert with survey data collecting biomarkers the human subject regulatory

environment innovations in data collection methodology and sampling techniques use of paradata across the survey lifecycle metadata standards for dissemination and new analytical techniques this important resource contains contributions from key experts in their respective fields of study from around the globe highlights innovative approaches in resource poor settings and innovative approaches to combining survey and other data includes material that is organized within the total survey error framework presents extensive and up to date references throughout the book written for students and academic survey researchers and market researchers engaged in comparative projects this text represents a unique collaboration that features the latest methodologies and research on global comparative surveys

Technical Aspects of Phase I/II Environmental Site Assessments 1998

this book unifies the most important geometries used to develop analytical solutions for hydrodynamic boundary value problems

Research Methods for Pharmaceutical Practice and Policy 2023-11-11

smart geotechnics for smart societies contains the contributions presented at the 17th asian regional conference on soil mechanics and geotechnical engineering 17th arc astana kazakhstan 14 18 august 2023 the topics covered include geomaterials for soil improvement tunneling and rock engineering slope embankments and dams shallow and deep foundations soil dynamics and geotechnical earthquake engineering geoenvironmental engineering and frost geotechnics investigation of foundations of historical structures and monitoring offshore harbor geotechnics and geoenergy megaprojects and transportation geotechnics smart geotechnics for smart societies will be of interest to academics and engineers interested or involved in geotechnical engineering

Using Methods in the Field 2014-07-08

two longtime fieldworkers offer mentors advice on finding and mapping archaeological sites they outline the logic behind field surveying and the various designs used for survey projects recognizing that logistical issues like schedule budget and equipment are equally important to complete the job particularly in a cultural resource management context the authors also guide new professionals through the practical details of their work the volume also ranges through the legal and ethical context of fieldwork and the various geophysical methods available for non intrusive surveying as a handy guide for novices or a text for students and field schools collins and molyneaux s book will be the place to start

Interfaces: Modeling, Analysis, Numerics 2008-12-15

Evaluating Applications of Field Spectroscopy Devices to Fingerprint Commonly Used Construction Materials 2020-01-13

Handbook of Methods in Cultural Anthropology 2009-09-24

Collaborating at the Trowel's Edge 2010-01-07

Earth Pressure 1953

Methods of Biochemical Analysis 2018-09-24

Soil Carbon Dynamics 2018-07-12

Geological Survey Bulletin 2023-08-04

Advances in Comparative Survey Methods 2003-04-16

Analytical Methods in Marine Hydrodynamics 1987

Smart Geotechnics for Smart Societies

Archaeological Survey

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