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*Method and Theory in American Archaeology* Gordon R. Willey 2001-02-14 A Dan Josselyn Memorial Publication This invaluable classic provides the framework for the development of American archaeology during the last half of the 20th century. In 1958 Gordon R. Willey and Philip Phillips first published *Method and Theory in American Archaeology*—a volume that went through five printings, the last in 1967 at the height of what became known as the new, or processual, archaeology. The advent of processual archaeology, according to Willey and Phillips, represented a "theoretical debate . . . a question of whether archaeology should be the study of cultural history or the study of cultural process." Willey and Phillips suggested that little interpretation had taken place in American archaeology, and their book offered an analytical perspective; the methods they described and the structural framework they used for synthesizing American prehistory were all geared toward interpretation. Method and Theory served as the catalyst and primary reader on the topic for over a decade. This facsimile reprint edition of the original University of Chicago Press volume includes a new foreword by Gordon R. Willey, which outlines the state of American archaeology at the time of the original publication, and a new introduction by the editors to place the book in historical context. The bibliography is exhaustive. Academic libraries, students, professionals, and knowledgeable amateurs will welcome this new edition of a standard-maker among texts on American archaeology.

**Archaeological Method and Theory** Linda Ellis 2003-12-16 This Encyclopedia brings together the most recent scientific information on a collection of subjects that are too often - and inconveniently - treated in separate publications. It provides a survey of archaeological method and theory, as well as the application of physical and biological sciences in archaeological research. Every aspect of archaeological work is represented, from the discovery process to the ultimate disposition of materials. Thus the reader will find entries on subject matter covering: \* disciplinary theory \* legislation affecting the work of archaeologists \* pre-excavation surveying \* excavation methodology \* on-site conservation techniques \* post-excavation analysis The rapid evolution of analytical technology is often superficially treated or not covered at all in textbooks or other commonly available sources. Here, the latest refinements in techniques such as radiometric dating, stable isotopic analysis, and the PCR technique of DNA analysis are presented clearly and authoritatively. The discussion of these techniques is amplified by including results of the work of professionals conducting interdisciplinary research and by covering the methodologi enhancements provided by the physical and natural sciences. Cultural property legislation, regardless of its country of origin, has affected how archaeologists conduct their work. This encyclopedia covers all major U.S. legislation developed for the protection of cultural property, including the recent Native American Graves Protection and Repatriation Act, and offers a substantial article on worldwide legislation concerning the reburial of human remains and its effects on the present and future practice of archaeology. Without some sort of conservation program at the point of excavation, valuable materials may be inadvertently contaminated or destroyed. Many simple and low-cost techniques to promote both sample integrity and long-term preservation for major classes of materials are described in this volume. Traditional treatments of method and theory usually focus on prehistoric periods and are limited in their geographic range. This volume includes discussions based on various historical periods on different continents, as reflected in entries such as Historical Archaeology, Industrial Archaeology, Medieval Archaeology, and Classical Archaeology.

**Archaeological Theory in the New Millennium** Oliver J. T. Harris 2017-06-26 Archaeological Theory in the New Millennium provides an account of the changing world of archaeological theory and a challenge to more traditional narratives of archaeological thought. It charts the emergence of the new emphasis on relations as well as engaging with other current theoretical trends and the thinkers archaeologists regularly employ. Bringing together different strands of global archaeological theory and placing them in dialogue, the book explores the similarities and differences between different contemporary trends in theory while also highlighting potential strengths and weaknesses of different approaches. Written in a way to maximise its accessibility, in direct contrast to many of the sources on which it draws, Archaeological Theory in the New Millennium is an essential guide to cutting-edge theory for students and for professionals wishing to reacquaint themselves with this field.

**A Complete Manual of Field Archaeology** Martha Joukowsky 1980

*Archaeological Hammers and Theories* James A. Moore 2014-05-10 Studies in Archaeology: Archaeological

*Hammers and Theories* provides information pertinent to the archeological method, with emphasis on the interaction of data and technique with theory and problems. This book describes the nature of archeological data, the range of archeological theories, and the scope of archeological problems. Organized into three parts encompassing 13 chapters, this book begins with an overview of the products of the archeological record. This text then examines survey sampling, site formation studies, and lithic and ceramic analysis. Other chapters consider the behavioral concepts that are implicit in the notions of special behavior, optimization, decision making, and population dynamics. This book discusses as well the analysis of pottery, which plays a leading part in the reconstruction of culture histories in archeology. The final chapter suggests an alternative set of philosophical issues that might serve to focus a philosophy or archeology. This book is a valuable resource for archeologists.

**Archaeology For Dummies** Nancy Marie White 2008-11-17 An objective guide to this fascinating science of history and culture Archaeology continually makes headlines--from recent discoveries like the frozen Copper-Age man in the Italian Alps to the newest dating of the first people in America at over 14,0000 years ago. Archaeology For Dummies offers a fascinating look at this intriguing field, taking readers on-site and revealing little-known details about some of the world's greatest archaeological discoveries. It explores how archaeology attempts to uncover the lives of our ancestors, examining historical dig sites around the world and explaining theories about ancient human societies. The guide also offers helpful information for readers who want to participate in an excavation themselves, as well as tips for getting the best training and where to look for jobs.

*Method and Theory in American Archaeology* Gordon R. Willey, Philip Phillips 1958

**Reading the Past** Ian Hodder 2003-12-04 The third edition of this classic introduction to archaeological theory and method has been fully updated to address the rapid development of theoretical debate throughout the discipline. Ian Hodder and Scott Hutson argue that archaeologists must consider a variety of perspectives in the complex and uncertain task of "translating the meaning of past texts into their own contemporary language". While remaining centered on the importance of meaning, agency and history, the authors explore the latest developments in post-structuralism, neo-evolutionary theory and phenomenology. Previous Edition Hb (1991): 0-521-40142-9 Previous Edition Pb (1991): 0-521-40957-8

**Handbook of Archaeological Theories** R. Alexander Bentley 2008 This handbook, a companion to the authoritative Handbook of Archaeological Methods, gathers original, authoritative articles from leading archaeologists on all aspects of the latest thinking about archaeological theory. It is the definitive resource for understanding how to think about archaeology.

**Handbook for the Analysis of Micro-Particles in Archaeological Samples** Amanda G. Henry 2020-07-07 This handbook provides a resource for those already familiar with some kinds of micro-particles who wish to learn more about others, or for those just starting out in the study of microremains who wish to have a broad understanding about microscopic archaeology. Topics covered in this handbook include diatom microfossils, starch granules, pollen grains, phytoliths, natural fibers, volcanic glass, minerals, insect remains, and feathers. Archaeological investigations increasingly rely on specialist identification of microscopic remnants found in sites. These micro-particles can provide information about the site environment and human activities that may not be apparent from artifacts and materials preserved on the macro-scale, and have given us new, and often high-profile, information about our past. The investigation of this "invisible archaeology" - that is, invisible to the naked eye - is still somewhat new, and generally each kind of micro-particle is studied individually. Researchers become experts in a narrow range of micro-particle types, but may be less familiar with, or even completely unaware of, the multitude of other forms that are frequently encountered in archaeological samples. This handbook's accessible approach is suitable for those at the beginner level.

**Advances in Archaeological Method and Theory** Michael B Schiffer 2014-06-30 Advances in Archaeological Method and Theory, Volume 5 presents the progressive explorations in methods and theory in archeology. This book provides information pertinent to the developments in urban archeology. Organized into nine chapters, this volume begins with an overview of cultural resource management developed to assess the significance of, and to manage the cultural resources on public lands. This text then explores the basic aspects of natural and human-caused changes on the portion of the archaeological resource base consisting of archaeological sites. Other chapters consider the practice of urban archeology in the United States, with emphasis on the relationships between human behavior and material culture in an urban setting. This book



discusses as well the applications of computer graphics in archeology. The final chapter deals with the types of skeletal and population changes that accompany malnutrition. This book is a valuable resource for anthropologist, archaeologists, urban planners, and graduate students.

**Archaeological Theory in Practice** Patricia A Urban 2019-03-04 Many students view archaeological theory as a subject distinct from field research. This division is reinforced by the way theory is taught, often in stand-alone courses that focus more on logic and reasoning than on the application of ideas to fieldwork. Divorcing thought from action does not convey how archaeologists go about understanding the past. This book bridges the gap between theory and practice by looking in detail at how the authors and their colleagues used theory to interpret what they found while conducting research in northwest Honduras. This is not a linear narrative. Rather, the book highlights the open-ended nature of archaeological investigations in which theories guide research whose findings may challenge these initial interpretations and lead in unexpected directions. Pursuing those novel investigations requires new theories that are themselves subject to refutation by newly gathered data. The central case study is the writers' work in Honduras. The interrelations of fieldwork, data, theory, and interpretation are also illustrated with two long-running archaeological debates, the emergence of inequality in southern Mesopotamia and inferring the ancient meanings of Stonehenge. The book is of special interest to undergraduate Anthropology/Archaeology majors and first- and second-year graduate students, along with anyone interested in how archaeologists convert the static materials we find into dynamic histories of long-vanished people.

**Theory and Practice of Archaeology** Thomas C Patterson 2015-08-07 For courses in Introduction to Archaeology Theory and Methods. Intended for the Introductory Archaeology course with the goal of teaching students how to think like archaeologists, this workbook includes activities that challenge students to interpret and explain field findings and help them to see the link between theory and practice.

**In the Beginning** Brian M. Fagan 2020-04-06 In the Beginning describes the basic methods and theoretical approaches of archaeology. This is a book about fundamental principles written in a clear, flowing style, with minimal use of technical jargon, which approaches archaeology from a global perspective. Starting with a broad-based introduction to the field, this book surveys the highlights of archaeology's colorful history, then covers the basics of preservation, dating the past, and the context of archaeological finds. Descriptions of field surveys, including the latest remote-sensing methods, excavation, and artifact analysis lead into the study of ancient environments, landscapes and settlement patterns, and the people of the past. Two chapters cover cultural resource management, public archaeology, and the important role of archaeology in contemporary society. There is also a chapter on archaeology as a potential career. In the Beginning takes the reader on an evenly balanced journey through today's archaeology. This well-illustrated account, with its numerous boxes and sidebars, is laced with interesting, and sometimes entertaining, examples of archaeological research from all parts of the world. This classic textbook of archaeological method and theory has been in print for nearly 50 years and is used in many countries around the world. It is aimed at introductory students in archaeology and anthropology taking survey courses on archaeology, as well as more advanced readers.

**The Archaeologist's Field Handbook** Heather Burke 2008-10-09 The Archaeologist's Field Handbook: North American Edition is a hands-on manual that provides step-by-step guidance for archaeological field work. Specially designed for students (both undergraduate and graduate) and avocational archaeologists, this informative guide combines clear and accessible information on doing fieldwork with practical advice on cultural heritage management projects. The Archaeologist's Field Handbook presents firmly grounded (pun intended!), essential, practical archaeological techniques and clearly elucidates the ethical issues facing archaeology today. A wealth of diagrams, photos, maps and checklists show in vivid detail how to design, fund, research, map, record, interpret, photograph, and present archaeological surveys and excavations. The Archaeologist's Field Handbook is an indispensable tool for new and aspiring archaeologists as they venture into the field.

**Archaeology** Colin Renfrew 2008 Widely praised for its comprehensive coverage, excellent graphics and well-organized layout, this invaluable introduction for students and enthusiasts of archaeology has been expanded to incorporate all the latest developments.

**Theoretical Archaeology** Ken R. Dark 1995 Archaeology uses material data to study the past, but material remains are unable to speak for themselves. They need to be interpreted. All archaeology depends upon the logical framework used to understand data: the theory which underlies interpretation. Yet archaeological theory often seems inaccessible or even irrelevant, wrapped up in jargon and filled with obscure allusions. Written especially for those with no previous knowledge of theory, this book aims to introduce the subject in a way which is both readable and which shows its relevance, and without a specific theoretical stance. The range of theoretical views on some of the themes and problems most often encountered in archaeology is outlined, introducing a wide variety of concepts and approaches equally relevant to the professional or amateur archaeologist, student, or non-specialist reader of archaeological work.

**Advances in Archaeological Method and Theory** 2014-06-28 Advances in Archaeological Method and Theory

**Archaeological Survey** E.B. Banning 2002-10-31 This practical volume, the first book in the Manuals in Archaeological Method, Theory and Technique series, examines in detail the factors that affect archaeological detectability in surveys whose methods range from visual to remote sensing in land, underwater, and intertidal zones - furnishing a comprehensive treatment of prospection, parameter estimation, model building, and detection of spatial structure.

**Essential Tensions in Archaeological Method and Theory** Todd L. VanPool 2003 Archaeological theory, some say, seems to have fragmented into a thousand fundamentalisms. By working on a broader set of empirical issues than ever before, archaeologists are indeed applying and refining a variety of perspectives. Yet the editors of this volume make a case that it is appropriate for archaeologists to use a logical variety of theoretical structures to answer different kinds of questions, combining approaches as necessary. In that spirit of plurality, contributors to this volume identify an important theoretical or methodological problem and present an argument regarding its solution. They also provide a critical evaluation of the current state of archaeological method and theory, illustrating that such recurrent issues as the role of agency and the importance of social considerations in the formation of archaeological research dominate current theoretical development. By presenting both the range of important questions and a variety of answers, this volume contributes to the 'essential tension' that will further the growth of archaeological theory.

**Historical Archaeology** Charles E. Orser, Jr. 2016-08-05 This book provides a short, readable introduction to historical archaeology, which focuses on modern history in all its fascinating regional, cultural, and ethnic diversity. Accessibly covering key methods and concepts, including fundamental theories and principles, the history of the field, and basic definitions, Historical Archaeology also includes a practical look at career prospects for interested readers. Orser discusses central topics of archaeological research such as time and space, survey and excavation methods, and analytical techniques, encouraging readers to consider the possible meanings of artifacts. Drawing on the author's extensive experience as an historical archaeologist, the book's perspective ranges from the local to the global in order to demonstrate the real importance of this subject to our understanding of the world in which we live today. The third edition of this popular textbook has been significantly revised and expanded to reflect recent developments and discoveries in this exciting area of study. Each chapter includes updated case studies which demonstrate the research conducted by professional historical archaeologists. With its engaging approach to the subject, Historical Archaeology continues to be an ideal resource for readers who wish to be introduced to this rapidly expanding global field.

**Archaeological Theory** Matthew Johnson 2019-03-26 A lively and accessible introduction to themes and debates in archaeological theory for students of all levels Archaeological Theory is a relatable, accessible, reader-friendly first step into the world of theory for archaeology students. Recognizing that many students shy away from the study of theory for fear that the material is too difficult or obscure, Archaeological Theory maintains that any student can develop an understanding of theory and that a knowledge of theory will lead to better practice. As one of the leading texts for introductory courses in archaeology and archaeological theory, it has provided many students with the essential foundation for a complete education in the discipline. With a focus on clarifying the history and development of archaeological theory, this valuable text serves as a roadmap to the different schools of theory in archaeology, clarifying the foundations of these schools of thought, the relationships between them, and the ideas that distinguish each from the other. Students will also learn about the relationship between archaeology and cultural and political developments, the origins of New and 'post-processual' archaeology, and current issues shaping the field. Written in a clear and informal style and incorporating examples, cartoons, and dialogues, this text provides an ideal introduction for students at all levels. The revised third edition has been updated with new and revised chapters and an expanded glossary and bibliography, as well as new readings to guide further study. Engages readers with informal and easy-to-understand prose, as well as examples, cartoons, and informal dialogues Prepares students to understand complex topics and current and perennial issues in

the field such as epistemology, agency, and materiality in the context of archaeological practice Discusses current developments in associated disciplines New and revised chapters on the material turn, politics and other issues, and an expanded glossary and bibliography with updated reading suggestions Offers expanded coverage of materiality, cultural-historical archaeology, evolutionary theory, and the work of scholars of diverse backgrounds and specializations Engaging and illuminating, Archaeological Theory is an indispensable resource for undergraduate and graduate students in archaeology and related disciplines. **Handbook of Archaeological Methods** Herbert D. G. Maschner 2005 The Handbook of Archaeological Methods comprises 37 articles by leading archaeologists on the key methods used by archaeologists in the field, in analysis, in theory building, and in managing cultural resources. The book is destined to become the key reference work for archaeologists and their advanced students on contemporary archaeological methods.

**Archaeology of the Mississippian Culture** Peter N. Peregrine 2013-04-11 First published in 1996. Routledge is an imprint of Taylor & Francis, an informa company.

**International Handbook of Historical Archaeology** Teresita Majewski 2009-06-07 In studying the past, archaeologists have focused on the material remains of our ancestors. Prehistorians generally have only artifacts to study and rely on the diverse material record for their understanding of past societies and their behavior. Those involved in studying historically documented cultures not only have extensive material remains but also contemporary texts, images, and a range of investigative technologies to enable them to build a broader and more reflexive picture of how past societies, communities, and individuals operated and behaved. Increasingly, historical archaeology refers not to a particular period, place, or a method, but rather an approach that interrogates the tensions between artifacts and texts irrespective of context. In short, historical archaeology provides direct evidence for how humans have shaped the world we live in today. Historical archaeology is a branch of global archaeology that has grown in the last 40 years from its North American base into an increasingly global community of archaeologists each studying their area of the world in a historical context. Where historical archaeology started as part of the study of the post-Columbian societies of the United States and Canada, it has now expanded to interface with the post-medieval archaeologies of Europe and the diverse post-imperial experiences of Africa, Latin America, and Australasia. The 36 essays in the International Handbook of Historical Archaeology have been specially commissioned from the leading researchers in their fields, creating a wide-ranging digest of the increasingly global field of historical archaeology. The volume is divided into two sections, the first reviewing the key themes, issues, and approaches of historical archaeology today, and the second containing a series of case studies charting the development and current state of historical archaeological practice around the world. This key reference work captures the energy and diversity of this global discipline today.

**Archaeology** Brian M. Fagan 2016-04 Method and Theory in Archaeology Archaeology: A Brief Introduction is an introduction to the fundamental principles of method and theory in archaeology, exposing students to archaeology as a career. The text begins by covering the goals of archaeology, and then moves on to consider the basic concepts of culture, time, and space, by discussing the finding and excavation of archaeological sites. By providing a distinct emphasis on the ethics behind archaeology, and how we should act as stewards of the finite records of the human past, Archaeology: A Brief Introduction continues to be a book with a truly international perspective, not simply focusing on North America or Europe. Teaching and Learning Experience Improve Critical Thinking - Archaeology: A Brief Introduction's "Archaeology and You" chapter provides students with career advice in an era when archaeology is transitioning from predominantly academic to professional. Engage Students - Each chapter within Archaeology: A Brief Introduction highlights important finds that have shaped our archaeological perspective, and a global perspective that shows students that archaeology is the most global of all sciences, encompassing all of humanity.

**Historical Archaeology** Robert L. Schuyler 1978 A collection of 35 articles on various aspects of historical archaeology, providing a comprehensive guide to the field.

**Archaeology After Interpretation** Benjamin Alberti 2013-12-31 This volume marks a significant departure from previous symbolic approaches in post-processual archaeology, bringing together key scholars advancing a variety of cutting edge approaches to chart a new direction in material culture studies.

**Archaeological Theory in Practice** Patricia Ann Urban 2012 In this concise, friendly textbook, Patricia Urban and Edward Schortman teach the basics of archaeological theory, making explicit the crucial link between theory and the actual conduct of archaeological research. The first half of the text addresses the general nature of theory, as well as how it is used in the social sciences and in archaeology in particular. To demonstrate the usefulness of theory, the authors draw from research at Stonehenge, Mesopotamia, and their own long-term research project in the Naco Valley of Honduras. They show how theory becomes meaningful when it is used by very real individuals to interpret equally real materials. These extended narratives exemplify the creative interaction between data and theory that shape our understanding of the past. Ideal for introductory courses in archaeological theory.

**Contemporary Archaeology; a Guide to Theory and Contributions** Mark P. Leone 1972 Intended as a guide or reader in graduate or advanced undergraduate courses and as a reference for professionals interested in the latest archaeological achievements, this significant compilation of articles dealing with the theoretical bases and substantive accomplishments of contemporary archaeology provides the coherent theory and concrete results of recent developments in anthropological archaeology. The thirty-three contributions here brought together, most of them previously published but several of which were written especially for this volume, are divided into seven main sections and are linked together by Mr. Leone's extensive commentary and discussion. A comprehensive bibliography provides unifying concepts of the work presented here and serves as a further guide to contemporary developments.

**Analytical Archaeology** David L. Clarke 2014-10-24 This study was well-established as a pioneer work on archaeological methodology, the theoretical basis of all archaeological analysis whatever the period or era. The first edition of the book presented and evaluated the radical changes in methodology which derived from developments in other disciplines, such as cybernetics, computer science and geography, during the 1950s and '60s. It argued that archaeology was a coherent discipline with its own methods and procedures and attempted to define the entities (attributes, artefacts, types, assemblages, cultures and culture groups) rigorously and consistently so that they could be applied to archaeological data. The later edition continued the same general theory, which is unparalleled in its scope and depth, adding notes to help understanding of the advances in method and theory to support the student and professional archaeologist. Review of the original publication: "One might venture that this is the most important archaeological work for twenty or thirty years, and it will undoubtedly influence several future generations of archaeologists." The Times Literary Supplement

**The Oxford Handbook of North American Archaeology** Timothy Pauketat 2015-04 "The Oxford Handbook of North American Archaeology explores 15,000 years of indigenous human history on the North American continent, drawing on the latest archaeological theories, rich datasets, and time-honored methodologies. From the Arctic south to the Mexican border and east to the Atlantic Ocean, all of the major cultural developments are covered in fifty-three chapters"--Back cover

**The Archaeology of Science** Michael Brian Schiffer 2013-04-19 This manual pulls together—and illustrates with interesting case studies—the variety of specialized and generalized archaeological research strategies that yield new insights into science. Throughout the book there are templates, consisting of questions, to help readers visualize and design their own projects. The manual seeks to be as general as possible, applicable to any society, and so science is defined as the creation of useful knowledge—the kinds of knowledge that enable people to make predictions. The chapters in Part I discuss the scope of the archaeology of science and furnish a conceptual foundation for the remainder of the book. Next, Part II presents several specialized, but widely practiced, research strategies that contribute to the archaeology of science. In order to thoroughly ground the manual in real-life applications, Part III presents lengthy case studies that feature the use of historical and archaeological evidence in the study of scientific activities. *Re-constructing Archaeology* Michael Shanks 1992 First published in 1992. Routledge is an imprint of Taylor & Francis, an informa company.

**Archaeology Essentials** Colin Renfrew 2007 An abridged version of the bestselling textbook on what archaeologists do and how they do it.

**Archaeological Theory** Robert Chapman 2022-11-22 Archaeological Theory: The Basics is an accessible introduction to an indispensable part of what archaeologists do. The book guides the reader to an understanding of what theory is, how it works and the range of theories used in archaeology. The growth of theory and the adoption of theories drawn from both the natural and social sciences have broadened our ability to produce trustworthy knowledge about the past. This book helps readers to see the value of archaeological theory and beyond what is sometimes thought to be just the use of indigestible jargon. Key theories and concepts are introduced to the reader. Among the main questions discussed are the following:

What is theory and why do we need it? What major areas of theory are, and have been, used and debated in archaeology? What do they tell us about themes including human society, evolution, culture, identity and agency? How might archaeological theory change in the future? This book is written mainly for readers new to archaeology and will help them to understand archaeological theory. It assumes no prior knowledge of archaeological theory and presents it in a selective and clear way, with case studies showing how theory is used in practice.

**Lithic Analysis** George H. Odell 2006-03-28 This practical volume does not intend to replace a mentor, but acts as a readily accessible guide to the basic tools of lithic analysis. The book was awarded the 2005 SAA Award for Excellence in Archaeological Analysis. Some focuses of the manual include: history of stone tool research; procurement, manufacture and function; assemblage variability. It is an incomparable source for academic archaeologists, cultural resource and heritage management archaeologists, government heritage agencies, and upper-level undergraduate and graduate students of archaeology focused on the prehistoric period.

Archaeology Essentials Colin Renfrew 2020

**Statistics for Archaeologists** Robert D. Drennan 1996 Taking a jargon-free approach, this guidebook introduces the basic principles of statistics to archaeologists. The author covers the necessary techniques

for analyzing data collected in the field and laboratory as well as for evaluating the significance of the relationships between variables. In addition, chapters discuss the special concerns of working with samples. This well-illustrated guide features several practice problems making it an ideal text for students in archaeology and anthropology.

**Archaeological Spatial Analysis** Mark Gillings 2020-01-16 Effective spatial analysis is an essential element of archaeological research; this book is a unique guide to choosing the appropriate technique, applying it correctly and understanding its implications both theoretically and practically. Focusing upon the key techniques used in archaeological spatial analysis, this book provides the authoritative, yet accessible, methodological guide to the subject which has thus far been missing from the corpus. Each chapter tackles a specific technique or application area and follows a clear and coherent structure. First is a richly referenced introduction to the particular technique, followed by a detailed description of the methodology, then an archaeological case study to illustrate the application of the technique, and conclusions that point to the implications and potential of the technique within archaeology. The book is designed to function as the main textbook for archaeological spatial analysis courses at undergraduate and post-graduate level, while its user-friendly structure makes it also suitable for self-learning by archaeology students as well as researchers and professionals.