

1. Record Nr.	UNINA9910787786403321
Titolo	Computational approaches to archaeological spaces // edited by Andrew Bevan, Mark Lake
Pubbl/distr/stampa	Walnut Creek, California : , : Left Coast Press, , [2013] ©2013
ISBN	1-315-43192-0 1-315-43193-9 1-61132-348-7
Descrizione fisica	1 online resource (339 p.)
Collana	Publications of the Institute of Archaeology, University College London
Altri autori (Persone)	BevanAndrew <1974-> LakeMark (Mark W.)
Disciplina	930.1
Soggetti	Spatial analysis (Statistics) in archaeology Archaeology - Computer simulation Virtual reality in archaeology
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	Introduction / Andrew Bevan and Mark Lake -- Intensities, interactions and uncertainties : some new approaches to archaeological distributions / Andrew Bevan, Enrico Crema, Xiuzhen Li and Alessio Palmisano -- An examination of automated archaeological feature recognition in remotely sensed imagery / Kenneth Kvamme -- An introduction to integrative distance analysis / Terence Clarke -- Network models and archaeological spaces / Ray Rivers, Carl Knappett, Timothy Evans -- Multilevel selection and the evolution of food sharing in fragmented environments : a spatially explicit model and its implications for early Stone Age archaeology / Luke Premo -- Stories of the past or science of the future? : archaeology and computational social science / Michael Barton -- The potential and limits of optimal path analysis / Irmela Herzog -- Compute-intensive GIS visibility analysis of the settings of prehistoric stone circles / Mark Lake and Damon Ortega -- Reconsidering the concept of visualscape : recent advances in three-dimensional visibility analysis / Eleftheria Paliou -- Formal and informal analysis of rendered space : the Basilica Portuense

/ Graeme Earl, Vito Porcelli, Constantinos Papadopoulos, Gareth Beale, Matthew Harrison, Hembo Pagi and Simon Keay -- Reproducible data analysis and the open source paradigm in archaeology / Benjamin Ducke.

---

Sommario/riassunto

This volume of original chapters written by experts in the field offers a snapshot of how historical built spaces, past cultural landscapes, and archaeological distributions are currently being explored through computational social science. It focuses on the continuing importance of spatial and spatio-temporal pattern recognition in the archaeological record, considers more wholly model-based approaches that fix ideas and build theory, and addresses those applications where situated human experience and perception are a core interest. Reflecting the changes in computational technology over the

---