

1. Record Nr.	UNINA9910300145503321
Autore	Borceux Francis
Titolo	An axiomatic approach to geometry : geometric trilogy I / / Francis Borceux
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , 2014
ISBN	3-319-01730-6
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (xv, 403 pages) : illustrations
Collana	Gale eBooks
Disciplina	510.9
Soggetti	Geometry Axiomatic set theory
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 -- Preface -- 1.The Prehellenic Antiquity -- 2.Some Pioneers of Greek Geometry -- 3.Euclid's Elements -- 4.Some Masters of Greek Geometry -- 5.Post-Hellenic Euclidean Geometry -- 6. Projective Geometry -- 7.Non-Euclidean Geometry -- 8.Hilbert's Axiomatics of the Plane -- Appendices: A. Constructibility -- B. The Three Classical Problems -- C. Regular Polygons -- Index -- Bibliography.
Sommario/riassunto	Focusing methodologically on those historical aspects that are relevant to supporting intuition in axiomatic approaches to geometry, the book develops systematic and modern approaches to the three core aspects of axiomatic geometry: Euclidean, non-Euclidean and projective. Historically, axiomatic geometry marks the origin of formalized mathematical activity. It is in this discipline that most historically famous problems can be found, the solutions of which have led to various presently very active domains of research, especially in algebra. The recognition of the coherence of two-by-two contradictory axiomatic systems for geometry (like one single parallel, no parallel at all, several parallels) has led to the emergence of mathematical theories based on an arbitrary system of axioms, an essential feature of contemporary mathematics. This is a fascinating book for all those who teach or study axiomatic geometry, and who are interested in the history of geometry or who want to see a complete proof of one of the famous problems encountered, but not solved, during their studies:

circle squaring, duplication of the cube, trisection of the angle, construction of regular polygons, construction of models of non-Euclidean geometries, etc. It also provides hundreds of figures that support intuition. Through 35 centuries of the history of geometry, discover the birth and follow the evolution of those innovative ideas that allowed humankind to develop so many aspects of contemporary mathematics. Understand the various levels of rigor which successively established themselves through the centuries. Be amazed, as mathematicians of the 19th century were, when observing that both an axiom and its contradiction can be chosen as a valid basis for developing a mathematical theory. Pass through the door of this incredible world of axiomatic mathematical theories!

2. Record Nr.	UNINA9910970275903321
Titolo	In the Eastern fluted point tradition / / edited by Joseph A. M. Gingerich
Pubbl/distr/stampa	Salt Lake City, : University of Utah Press, c2013
ISBN	1-60781-233-9
Edizione	[1st ed.]
Descrizione fisica	1 online resource (439 p.)
Altri autori (Persone)	GingerichJoseph A. M
Disciplina	974/.01
Soggetti	Paleo-Indians - Implements - East (U.S.) Projectile points - East (U.S.) Stone implements - East (U.S.) East (U.S.) Antiquities
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	""Contents""; ""Figures""; ""Tables""; ""Acknowledgments""; ""Introduction""; ""I. Paleoindian Chronology and Paleoenviromental Considerations""; ""1. Paleoindian Chronology and the Eastern Fluted Point Tradition""; ""2. Paleoindian Environment and Subsistence Paradigm Case from New England to Virginia and Ohio""; ""3. Reconstructing the Pleistocene Environment of the Greater Southeast""; ""II. Reinvestigations of Classic Sites""; ""4. A Report on the 2008 Field

Investigations at the Shoop Site (36DA20) ""; ""5. Spatial Organization at Bull Brook ""

""6. Fifty Years of Discovery at Plenge: Rethinking the Importance of New Jersey's Largest Paleoindia""""7. The Wells Creek Site: A

Reinterpretation of Site Occupation ""; ""8. The Flint Run Complex: A Quarry-Related Paleoindian Complex in the Great Valley of Northern Virgin""; ""9. Revisiting Shawnee-Minisink ""; ""III. New Sites and

Perspectives""; ""10. Paleoindian Toolstone Provisioning and Settlement Organization at the Higgins Site (18AN489) ""; ""11. Topper Site, South Carolina: An Overview of the Clovis Lithic Assemblage from the Topper Hillside""

""12. Tennessee's Paleoindian Record: The Cumberland and Lower Tennessee River Watersheds """"13. Endscrapers, Use-Wear, and Early

Paleoindians in Eastern North America ""; ""IV. Observations on the Early Paleoindian Settlement of Eastern North America ""; ""14. Is That All

There Is? : The Weak Case for Pre-Clovis Occupation of Eastern North America ""; ""15. The Weight and Meaning of Eastern Paleoindian

Research: A View from West of the Rockies ""; ""16 Paleoindian Archaeology in Eastern North America: Current Approaches and Future Directions ""; ""Contributors""; ""Index""

Sommario/riassunto

Eastern North America has one of the largest inventories of Paleoindian sites anywhere in the Americas. Despite this rich record of early human settlement during the late Pleistocene, there are few widely published reports or summaries of Paleoindian research in the region.
