


[DOWNLOAD](#)


Worlds Out of Nothing

By Jeremy Gray

Springer London Ltd. Paperback. Book Condition: New. Paperback. 397 pages. Dimensions: 9.1in. x 6.1in. x 1.0in. Based on the latest historical research, *Worlds Out of Nothing* is the first book to provide a course on the history of geometry in the 19th century. Topics covered in the first part of the book are projective geometry, especially the concept of duality, and non-Euclidean geometry. The book then moves on to the study of the singular points of algebraic curves (Plücker's equations) and their role in resolving a paradox in the theory of duality; to Riemann's work on differential geometry; and to Beltrami's role in successfully establishing non-Euclidean geometry as a rigorous mathematical subject. The final part of the book considers how projective geometry rose to prominence, and looks at Poincaré's ideas about non-Euclidean geometry and their physical and philosophical significance. Three chapters are devoted to writing and assessing work in the history of mathematics, with examples of sample questions in the subject, advice on how to write essays, and comments on what instructors should be looking for. This item ships from multiple locations. Your book may arrive from Roseburg, OR, La Vergne, TN. Paperback.



READ ONLINE

[7.62 MB]

Reviews

A whole new e book with a brand new perspective. Indeed, it is enjoy, continue to an interesting and amazing literature. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- **Ebba Hilll**

The publication is straightforward in study better to fully grasp. It is definitely simplistic but excitement inside the 50 percent of your publication. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- **Mazie Johns IV**