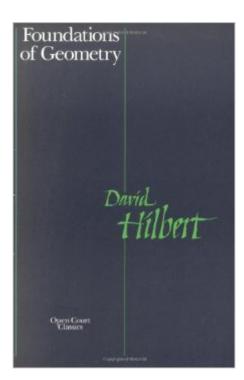
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Foundations Of Geometry





Synopsis

Along with the writings of Hilbert's friend and correspondent Frege, Hilbert's Foundations of Geometry set the stage for Russell and Whitehead's Principia Mathematica. Hilbert presents a new axiomatization of geometry to algebra, and introduces the distinction between mathematics and metamathematics, with a new theory of proof.

Book Information

Paperback: 226 pages Publisher: Open Court; 2nd English ed. edition (January 22, 1999) Language: English ISBN-10: 0875481647 ISBN-13: 978-0875481647 Product Dimensions: 6 × 0.6 × 9 inches Shipping Weight: 13.6 ounces Average Customer Review: 4.4 out of 5 stars Â See all reviews (5 customer reviews) Best Sellers Rank: #163,344 in Books (See Top 100 in Books) #7 in Books > Science & Math > Mathematics > Geometry & Topology > Non-Euclidean Geometries #81 in Books > Textbooks > Science & Mathematics > Mathematics > Geometry #107 in Books > Education & Teaching > Higher & Continuing Education > College Guides

Customer Reviews

Hilbert gives his new system of axioms and studies their consistency, independence and necessity. Consider for example the theorem that the angle sum in any triangle cannot be greater than two right angles. We can prove it as follows. Consider a triangle ABC with the angles labelled so that ABC

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