



Pure Mathematics, Including Arithmetic, Algebra, Geometry, and Plane Trigonometry (Classic Reprint) (Paperback)

By Edward Atkins

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Pure Mathematics, Including Arithmetic, Algebra, Geometry, and Plane Trigonometry The special object of the present work is to meet the requirements of the Science and Art Department s Examinations in the first three stages of Pure Mathematics as set down in the Syllabus of the Science Directory. This will account for the arrangement of the subject matter. I hope, however, that it will be found not unsuitable as a general class-book in Elementary Mathematics. In the Arithmetical Section my object has been to deduce the rules from first principles, avoiding as much as possible algebraical considerations. The Geometry consists simply of the first three books of Euclid s Elements with exercises, the only point calling for remark being the marginal notes. I have found it useful in class teaching to put down upon a blackboard the chief steps of the proposition - just those points, in fact, which it is necessary to retain in the memory; and to encourage the pupil to depend upon himself for supplying the connecting links. This skeleton, as it were,...



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