



## Plane Geometry with Problems and Applications (Classic Reprint)

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By H E Slaught

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Excerpt from Plane Geometry With Problems and Applications In writing this book the authors have been guided by two main purposes: (a) That pupils may gain by gradual and natural processes the power and the habit of deductive reasoning. (b) That pupils may learn to know the essential facts of -elementary geometry as properties of the space in which they live, and not merely as statements in a book. The important features by which the Plane Geometry seeks to accomplish these purposes are: 1. The simplification of the first five chapters by the exclusion of many theorems found in current books. These five chapters correspond to the usual five books, and the most important omissions are the formal treatment of the theory of limits, the incommensurable cases, maxima and minima, and numerous other theorems, together with the deduction of complicated algebraic formulae, such as the area of a triangle and the radii of the inscribed, escribed, and circumscribed circles, in terms of the three sides. Chapter VI contains a graphic representation of certain important theorems and an...



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