



## Inductive Plane Geometry: With Numerous Exercises, Theorems, and Problems for Advance Work (Classic Reprint) (Paperback)

By G Irving Hopkins

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Excerpt from Inductive Plane Geometry: With Numerous Exercises, Theorems, and Problems for Advance Work The inductive method of teaching geometry is recognized as the ideal one by all progressive teachers. Committing to memory the demonstration of another is acknowledged to be of little benefit to the pupil. Development of the reasoning powers comes only from their judicious exercise; and this is possible only in small degree from merely yielding assent to the logic of another. In an experience of twenty years the author has found that fully three fourths of his pupils can demonstrate unaided, or at most with a suggestion or two, the majority of the theorems, the demonstrations of which are given in most text-books for the pupil to read and memorize. Consequently he has endeavored to be consistent, and offer aid in the way of suggestions only where the pupil needs it. In most text-books the proof of the following easy theorem is given for the pupil to memorize; viz.: If two parallel lines are cut by a third straight line the exterior interior...



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