A Syllabus of Modern Plane Geometry (Classic Reprint) (Paperback)

By Mathematical Association

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from A Syllabus of Modern Plane Geometry In Elementary Geometry a straight line of definite length, or a Segment, is considered with reference to absolute length only, and the question of whether it is to be added to or subtracted from another line is a matter of explicit statement. In the Modern Plane Geometry account is taken of the direction of measurement along a straight line, and this is expressed with the help of the signs+ and. The fundamental rules with regard to these signs are that (i) if A and Bbe any two points on a straight line, Ab= -Ba, Ba= -Ab; an immediate consequence of which is that -(-Ab)= Ab, (ii) if A, B, Pbe any three points on a straight line, Ap +Pb =Ab. (2)Two fixed points (A and B)being taken on a straight line, the position of any other point P(on the same straight line) is given when the ratio of the segments Ap: Pb is given. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find...

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