



The First Six Books of the Elements of Euclid, and Propositions I.-XXI. of Book XI.; And an Appendix on the Cylinder, Sphere, Cone, Etc., with Copious Annotations and Numerous Exercises

By Euclid

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1885 Excerpt: .2. Describe a circle through a given point, and touching two given lines; or touching a given line and a given circle. 3. Describe a circle passing through a given point, having its centre on a given line and touching a given circle. 4. Describe a circle through two given points, and intercepting a given arc on a given circle. 6. A, B, C, D are four collinear points, and EF is a common tangent to the circles described upon AB, CD as diameters: prove that the triangles AEB, CFD are equiangular. 6. The diameter of the circle inscribed in a right-angled triangle is equal to half the sum of the diameters of the circles touching the hypotenuse, the perpendicular from the right angle of the hypotenuse, and the circle described about the right-angled triangle. Questions for Examination on Book III. 1. What is the subject-matter...



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