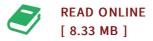




Greek Mathematical Works: Volume II, From Aristarchus to Pappus. (Loeb Classical Library No. 362)

By-

Harvard University Press, 1941. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: XVI. Aristarchus Of Samos- (a) General (b) Distances of the sun and moon (c) Continued fractions (?) XVII. Archimedes- (a) General (b) Surface and volume of the cylinder and sphere (c) Solution of a cubic equation (d) Conoids and spheroids- (i) Preface (ii) Two lemmas (iii) Volume of a segment of a paraboloid of revolution (e) The spiral of Archimedes- (i) Definitions (ii) Fundamental property (iii) A verging (iv) Property of the subtangent (f) Semi-regular solids (g) System of expressing large numbers (h) Indeterminate analysis: the Cattle Problem (i) Mechanics: centres of gravity- (i) Postulates (ii) Principle of the lever (iii) Centre of gravity of a parallelogram (j) Mechanical method in geometry () Hydrostatics- (i) Postulates (ii) Surface of fluid at rest (iii) Solid immersed in a fluid (iv) Stability of a paraboloid of revolution XVIII. Eratosthenes- (a) General (b) On means (c) The Platonicus (d) Measurement of the earth XIX. Apollonius of Perga- (a) The conic sections- (i) Relation to previous works (ii) Scope of the work (iii) Definitions (iv) Construction of the sections (v) Fundamental properties (vi) Transition...



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