



Mathematical Questions and Solutions in Continuation of the Mathematical Columns of The Educational Times Volume 61

By Books Group

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. 1894 Excerpt: . BMN N (from A, M, B, N are concyclic) = MBS, BMS; therefore QMS = MBS; therefore RMQ touches the parabola. 12212. (E. M. Langley, M.A.)--If O, A, B, C, D, E be six concyclic points, prove that the projections of O on the pedal-lines of the five quadrilaterals BCDE, ODEA, DEAB, EABC, ABCD lie in a straight line. Solution by Profs. Steggall, Aiyar, and others. Draw OB OC OD OE, perpendicular to AB, AC, AD, AE; then the pedal line of ABCD is easily seen to be that of 6, C, O, . For ABC, ABD, ACD are any three of the four triangles derivable from ABCD; their pedals are B, C C, D D, B; and the feet of the perpendiculars from O on them are collinear. From O draw OC₂, OD₂, OE₂ perpendicular to B, C B, D B, E; then C₂D₂ is...



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