

Since PA is perpendicular to MN , the sides of the anti-pedal triangle of P in ABC are parallel to the sides of LMN .

Hence P is the point whose anti-pedal triangle has the angles L, M, N .

P is the common point of intersection of circular arcs on BC, CA, AB drawn inwards, and containing angles $\pi - L, \pi - M, \pi - N$.

Its barycentric coordinates are found at once to be as $\frac{\sin A \sin L}{\sin(A+L)}$, etc.

The symmetry of these expressions proves the theorem.

For given angles L, M, N there is only one point P , all the triangles LMN being homothetic. W. GALLATLY.

NOTICE.

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QUERY.

(67) C is the centre and F, F' the foci of an inconic of a $\triangle ABC$ whose circumcentre is S , circumradius R , and n.p. centre N .

Prove that $SF \cdot SF' = 2R \cdot CN$.

SONTI V. RAMAMURTY.

CORRESPONDENCE.

SOUTH KENSINGTON, S.W.,

4th August, 1909.

SIR,—In the issue of the *Mathematical Gazette* for June–July, 1909 (page 93), the following passage relating to the University of London occurs in an article entitled "An Arbitrary Veto" :

"For a teacher to be recognized by the University (and many posts are granted but on this condition) the teacher must not deal with any subject other than the one in which he wishes to be recognized. Before anything can be done this regulation must be abolished."

I desire to point out that no such Regulation exists. I may add, in this connexion, that Section 88 of the University of London Statutes reads as follows :

"In appointing or recognising a Teacher of the University the Senate shall specify the subject, that is to say the branch or branches of knowledge for which he is appointed or recognised, and shall take care that no Teacher is appointed or recognised for two or more branches of knowledge, unless those branches are of such a kind that in the opinion of the Senate instruction in them of a University standard can with advantage be given by the same person."

Under the terms of the Statute, recognition in two or more subjects is accorded to a particular teacher when the Senate deem such a course desirable. I am, Sir, yours faithfully, P. J. HARTOG, *Academic Registrar*.

ERRATA AND ADDENDA.

p. 95, III. (1) For $\Sigma \lambda \cdot BC = 0$ read $\Sigma \lambda \cdot BC = 2\Delta$.

p. 98, VI. After " OP_1P_2 are collinear" add "and P_1 bisects OP_2 ."

p. 104, l. 5 up. For "continue" read "continua."

p. 104, l. 4 up. Close inverted commas after "not out," not after "world."