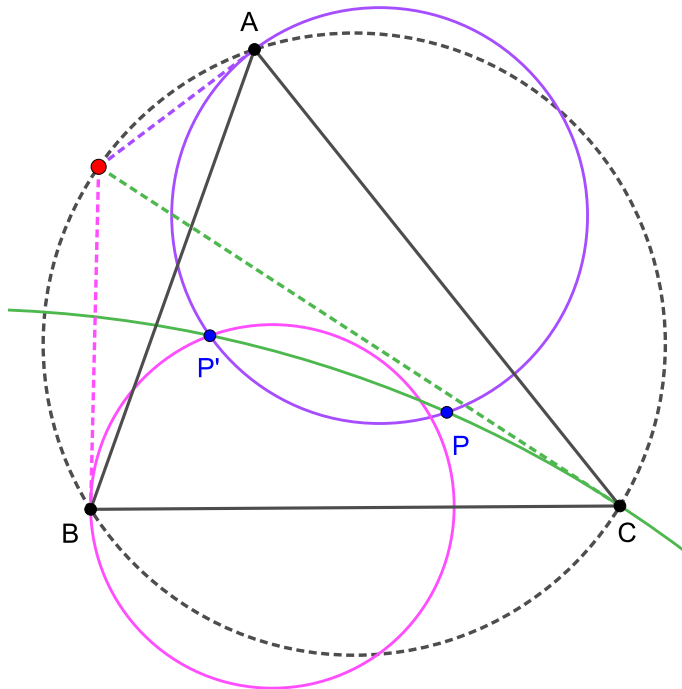


Vu Thanh Tung

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**Theorem.** *Let  $P$  be a point on the same plane with  $\triangle ABC$  such that  $P$  is not the incenter and not lying on the circumcircle of this triangle. Let  $d_A$  be the tangent to circumcircle of  $\triangle APP'$  passing through  $A$  and define  $d_B, d_C$  cyclically.*

*Then  $d_A, d_B, d_C$  concur at a point lying on the circumcircle of  $\triangle ABC$ .*



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