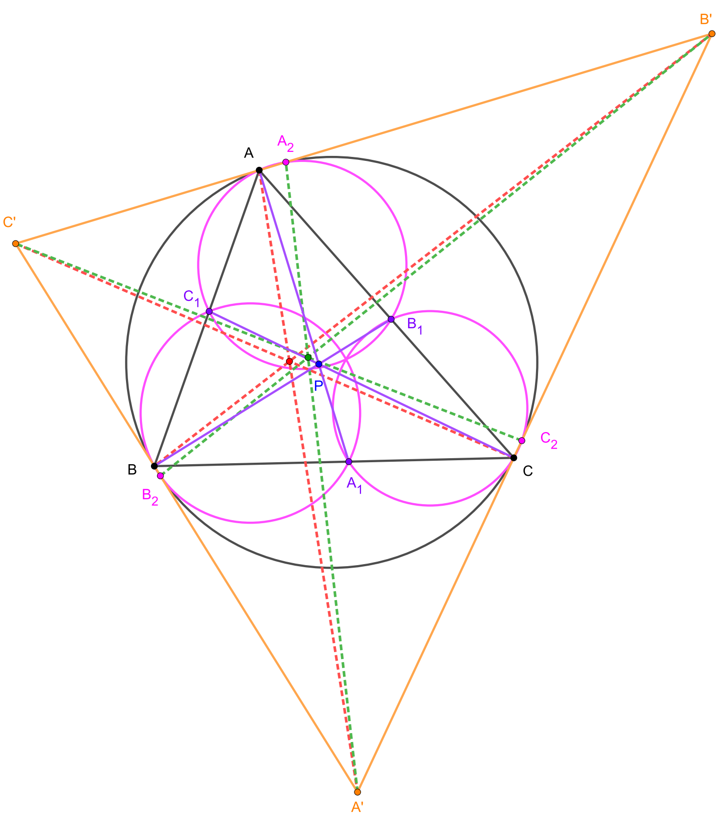
Vu Thanh Tung

June 1, 2020

Theorem. *Let $\triangle A_1B_1C_1$ be the cevian triangle of a point P with respect to $\triangle ABC$. Let A_2 be the point, other than A, that circles (ABC) and (AB_1C_1) intersect. Define B_2, C_2 cyclically. Let $A' = BB_2 \cap CC_2$ and define B', C' cyclically. Then:*

1. *AA', BB', CC' are concurrent.*
2. *A_2A', B_2B', C_2C' are concurrent.*



Vu Thanh Tung, 250 Quang Trung, Nam Dinh city, Vietnam
E-mail address: `tungvtt@gmail.com`