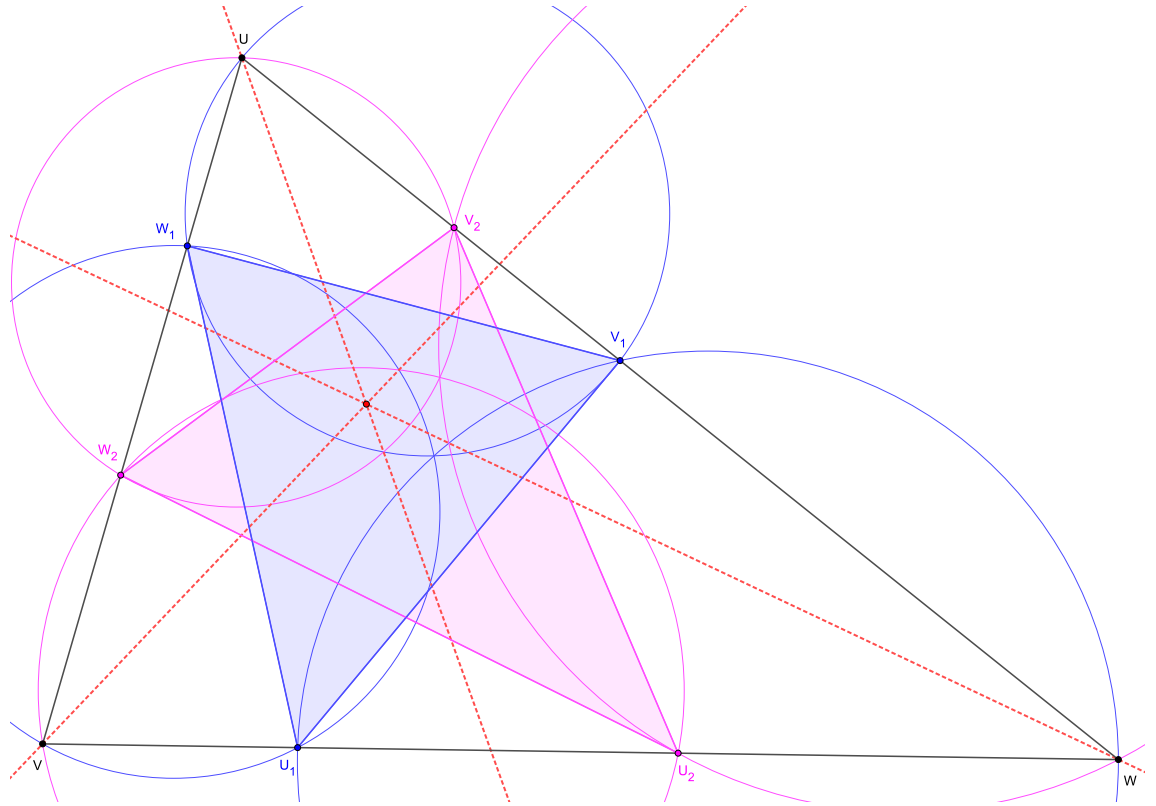


Vu Thanh Tung

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Theorem (Problem 1, Vietnam TST, 1995). *Suppose that $T_1 = U_1V_1W_1$ and $T_2 = U_2V_2W_2$ are triangles and that T_1 is not perspective to T_2 . Let UVW be the vertex triangle of T_1 and T_2 . Let L_U be the radical axis to the circles (UV_1W_1) and (UV_2W_2) , and define L_V and L_W cyclically. Then three lines L_U, L_V, L_W concur in a point.*



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