

Postup konstrukce:

1. $\Delta AV_a U_a, |AU_a| = u_a, |AV_a| = v_a, |\angle AV_a U_a| = \frac{1}{2}\pi$, viz úloha 2.

2. Úhel $U_a AB'$, $|\angle U_a AB'| = \frac{1}{2}\alpha$.

3. Úhel $U_a AC'$, $|\angle U_a AC'| = \frac{1}{2}\alpha$.

4. $B, B \in \overrightarrow{AB'} \cap \overrightarrow{U_a V_a}$.

5. $C, C \in \overrightarrow{AC'} \cap \overrightarrow{U_a V_a}$.

6. ΔABC .