

Postup konstrukce:

1. $\Delta AG_cS, |\angle G_cAS| = \frac{1}{2}\alpha, |G_cS| = \rho, |\angle SG_cA| = \frac{1}{2}\pi$, viz úloha 12.

2. $U_a, U_a \in \overrightarrow{AS}$ a platí, že $|AU_a| = u_a$.

3. $\Delta SU_aG_a, |SG_a| = \rho, |\angle SG_aU_a| = \frac{1}{2}\pi$, viz úloha 2.

4. $B, B \in \overrightarrow{U_aG_a} \cap \overrightarrow{AG_c}$.

5. Úhel BAC' , $|\angle BAC'| = \alpha$.

6. $C, C \in \overrightarrow{BU_a} \cap \overrightarrow{AC'}$.

7. ΔABC .