

Postup konstrukce:

C) β je tupý

1. $\triangle BAV_a$, $|AV_a| = v_a$, $|\angle ABV_a| = \pi - \beta$, $|\angle AV_aB| = \frac{1}{2}\pi$, viz úloha 12.

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

3. $C, C \in \overrightarrow{AC'} \cap \overrightarrow{V_aB}$.

4. $\triangle ABC$.