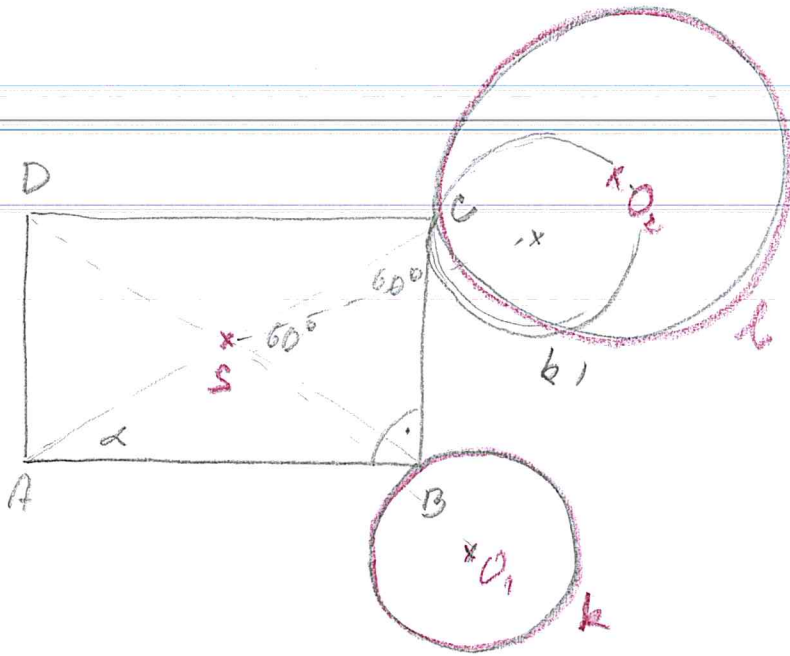


2

polobara
miprava metrika



$$|AB| = \sqrt{3} |BC|$$

$$\frac{|AB|}{|BC|} = \sqrt{3} \Rightarrow \operatorname{tg} \alpha = \frac{|BC|}{|AB|} = \frac{\sqrt{3}}{3} \Rightarrow \alpha = 30^\circ$$

$$\Rightarrow \angle ACB = 60^\circ$$

Plati: $|SC| = |SB| \Rightarrow \triangle CSB$ je MS

$R(S, 60^\circ): B \rightarrow C$

$k \rightarrow k'$

1. k' , $R(S, 60^\circ): k \rightarrow k'$

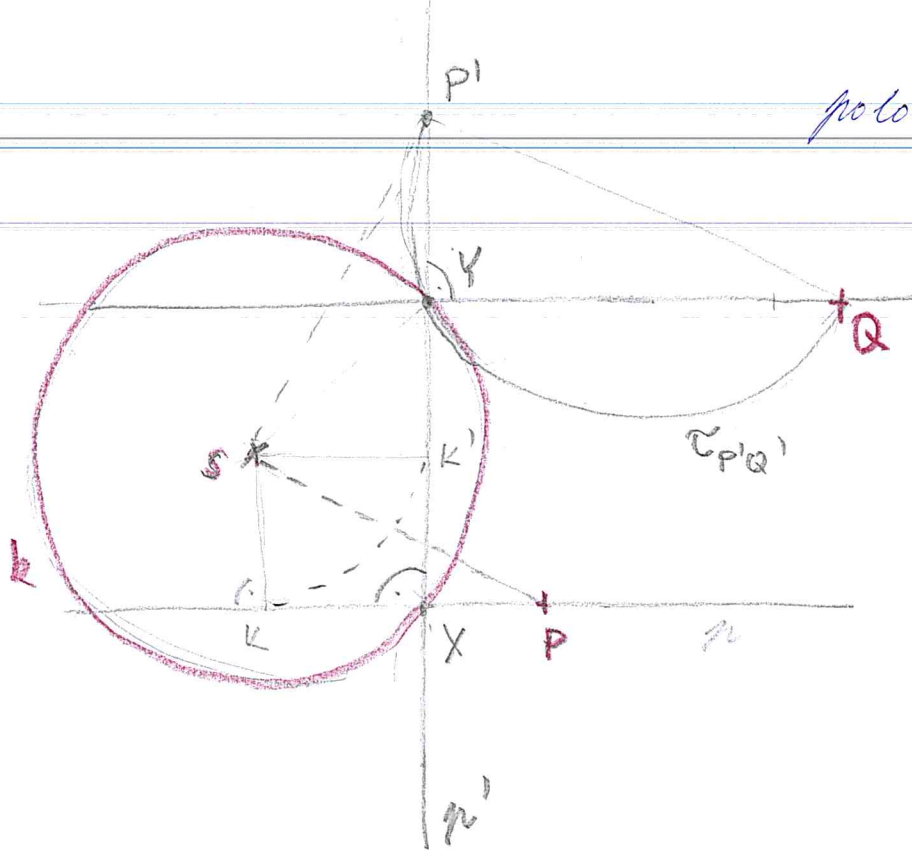
2. C , $C = k' \cap k$

3. B , $R(S, -60^\circ): C \rightarrow B$

4. $\square ABCD$

2 mištri

(4)



polokrova', neparametricka'

$$R(S, 90^\circ) : X \rightarrow Y$$

$$X \in \pi \rightarrow Y \in \pi'$$

$$\pi \rightarrow \pi', \text{ plati } \pi \perp \pi'$$

Jestliže $\pi \parallel g \Rightarrow \pi' \perp g$, tedy

$$|\angle P'YQ| = 90^\circ \Rightarrow Y \in \tilde{\sigma}_{P'Q}$$

1. π' , $R(S, 90^\circ) : \pi \rightarrow \pi'$

2. $\tilde{\sigma}_{P'Q}$

3. Y , $Y = k \cap \tilde{\sigma}_{P'Q}$

4. X , $R(S, -90^\circ) : Y \rightarrow X$

2 možnosti