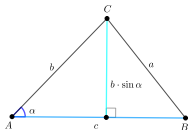


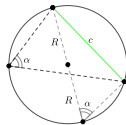
cateto = ipotenusa \times seno angolo opposto
 cateto = ipotenusa \times coseno angolo adiacente
 cateto = cateto \times tangente angolo opposto



Calcolo dell'area

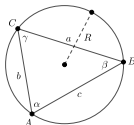
$$A = \frac{1}{2} bc \sin \alpha$$

$$A = \sqrt{p(p-a)(p-b)(p-c)} \quad (\text{Formola di Erone})$$



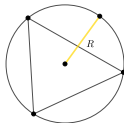
Teorema della corda

$$c = 2R \cdot \sin \alpha$$



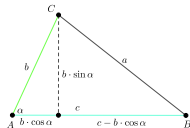
Teorema dei seni

$$\frac{a}{\sin \alpha} = \frac{b}{\sin \beta} = \frac{c}{\sin \gamma} = 2R$$



Raggio circonferenza circoscritta

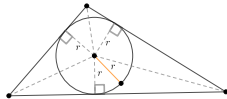
$$R = \frac{abc}{4A}$$



Teorema del coseno (di Carnot)

$$a^2 = b^2 + c^2 - 2bc \cos \alpha$$

$$\cos \alpha = \frac{b^2 + c^2 - a^2}{2bc}$$



Raggio circonferenza inscritta

$$r = \frac{A}{p}$$