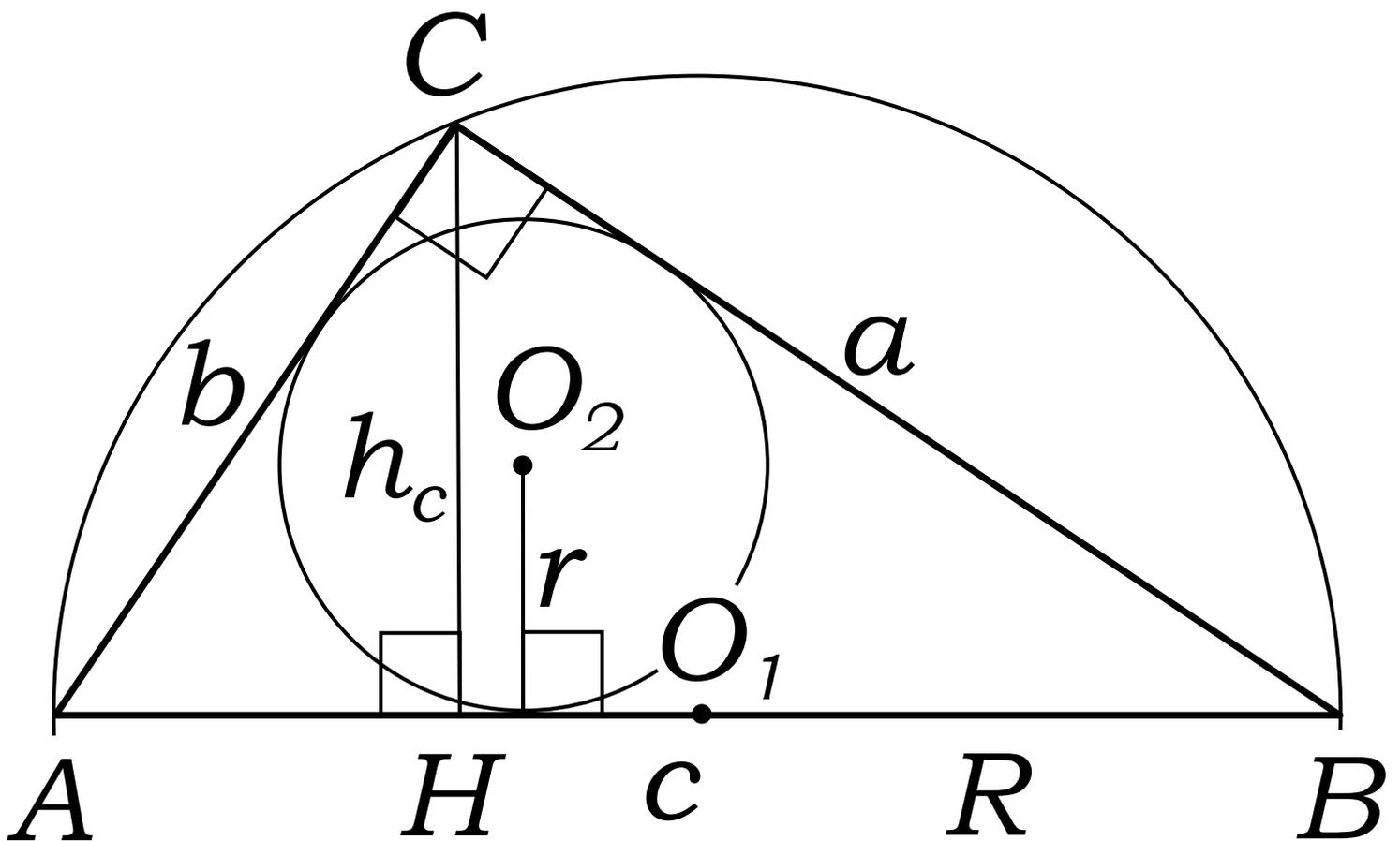


Прямоугольный треугольник



$$c^2 = a^2 + b^2; \quad S = \frac{1}{2}ab = \frac{1}{2}ch_c$$

$$R = \frac{c}{2} = m_c; \quad r = \frac{a+b-c}{2}; \quad h_c = \frac{ab}{c}$$

$$\cos A = \sin B = \frac{b}{c}; \quad \cos B = \sin A = \frac{a}{c}$$

$$\operatorname{tg}A = \operatorname{ctg}B = \frac{a}{b}; \quad \operatorname{tg}B = \operatorname{ctg}A = \frac{b}{a}$$