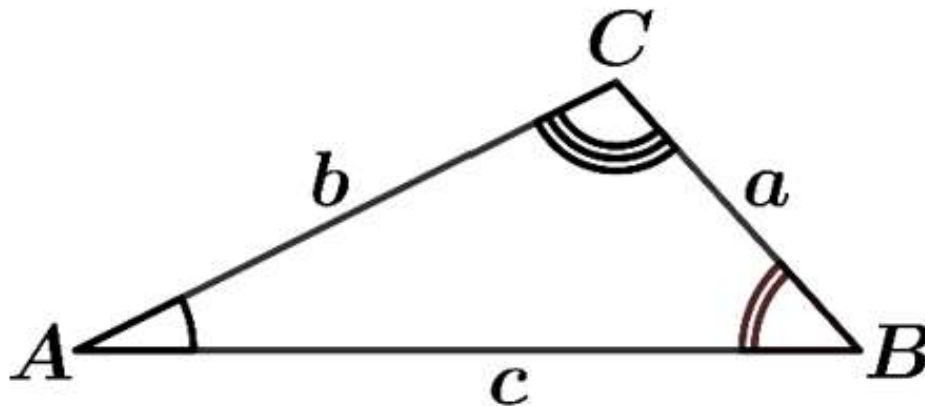


Law of Cosines



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

$$b^2 = a^2 + c^2 - 2ac \cos B$$

$$c^2 = a^2 + b^2 - 2ab \cos C$$

Finding the \sphericalangle

$$\sphericalangle A = \cos^{-1} \left[\frac{b^2 + c^2 - a^2}{2bc} \right]$$

$$\sphericalangle B = \cos^{-1} \left[\frac{a^2 + c^2 - b^2}{2ac} \right]$$

$$\sphericalangle C = \cos^{-1} \left[\frac{a^2 + b^2 - c^2}{2ab} \right]$$