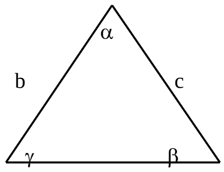
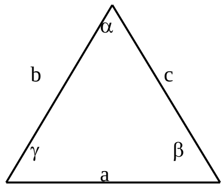
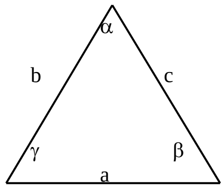
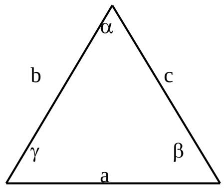
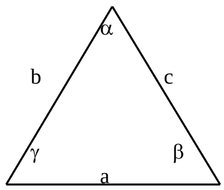
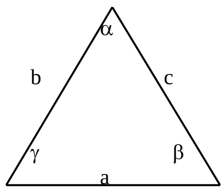
Računanje trokuta iz dviju mjerenih duljina stranica i kuta između njih

Trigonometrijski obrazac br. 14 - cos

Računanje trokuta iz dviju mjerenih duljina stranica i kuta između njih

Skica	Mjerene veličine	Kontrola	Formule
	Mjerene veličine α, b, c Računate veličine a, β, γ Kontrola α+β+γ = 180°	Kontrola a = (b/sin β) sin α a = (c/sin γ) sin α	$a^2 = b^2 + c^2 - 2bc\cos\alpha$ $\cos\beta = \frac{a^2 + c^2 - b^2}{2ac}$ $\cos\gamma = \frac{a^2 + b^2 - c^2}{2ab}$

AS		°	'	"				ASlaviček
	α				b		b^2	
	β				c		c^2	
	γ						cos α	
	Σ						2bc cos α	
							a^2	
					a		a	
	α				b		b^2	
	β				c		c^2	
	γ						cos α	
	Σ						2bc cos α	
							a^2	
					a		a	
	α				b		b^2	
	β				c		c^2	
	γ						cos α	
	Σ						2bc cos α	
							a^2	
					a		a	
	α				b		b^2	
	β				c		c^2	
	γ						cos α	
	Σ						2bc cos α	
							a^2	
					a		a	
	α				b		b^2	
	β				c		c^2	
	γ						cos α	
	Σ						2bc cos α	
							a^2	
					a		a	

Armando Slaviček