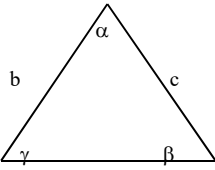
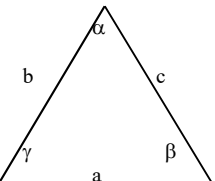
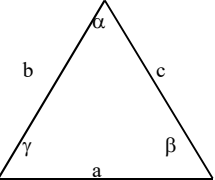
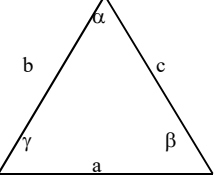
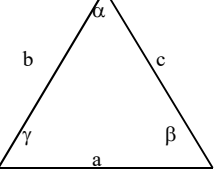
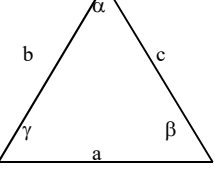


Računanje trokuta iz dviju mjerenih duljina stranica i kuta između njih

Trigonometrijski obrazac br. 14 - cos

Računanje trokuta iz dviju mjerenih duljina stranica i kuta između njih

Skica	Mjerene veličine α, b, c	Računate veličine a, β, γ	Kontrola $\alpha + \beta + \gamma = 180^\circ$				
						$a^2 = b^2 + c^2 - 2bc \cos \alpha$ $\cos \beta = \frac{a^2 + c^2 - b^2}{2ac}$ $\cos \gamma = \frac{a^2 + b^2 - c^2}{2ab}$	
	α 59 28 52 β 61 40 44 γ 58 50 24 Σ 180 00 00			b 220,65 c 214,49 a 215,93	b^2 48686,4225 c^2 46005,9601 $\cos \alpha$ 0,507822392 $2bc \cos \alpha$ 48067,64256 a^2 46624,74004		ASlaviček
	α 52 08 04 β 80 32 47 γ 47 19 09 Σ 180 00 00			b 166,72 c 124,25 a 133,43	b^2 27795,5584 c^2 15438,0625 $\cos \alpha$ 0,613810716 $2bc \cos \alpha$ 25430,12887 a^2 17803,49203		
	α 42 37 59 β 97 21 15 γ 40 0 46 Σ 180 00 00			b 172,87 c 112,07 a 118,06	b^2 29884,0369 c^2 12559,6849 $\cos \alpha$ 0,735706456 $2bc \cos \alpha$ 28506,47822 a^2 13937,24358		
	α 46 25 13 β 46 3 16 γ 87 31 31 Σ 180 00 00			b 92,7 c 128,63 a 93,27	b^2 8593,29 c^2 16545,6769 $\cos \alpha$ 0,689363206 $2bc \cos \alpha$ 16439,93512 a^2 8699,031785		
	α 87 38 24 β 48 22 60 γ 43 58 36 Σ 180 00 00			b 166,69 c 154,82 a 222,78	b^2 27785,5561 c^2 23969,2324 $\cos \alpha$ 0,041178124 $2bc \cos \alpha$ 2125,363242 a^2 49629,42526		