

Pretvorba se sagezimalnih stopinj v sekunde decimalne

$135^{\circ} 12' 38'' = 135.2106$

Racunalniki brez avtomatizacije pretvorbe.

Enačba (1)  $135 + \frac{12}{60} + \frac{38}{3600}$

Enačba (2)  $135 + (12 + \frac{38}{60}) : 60$

AOS				ANS			RPN				
TIPKAM:	135	X	0	TIPKAM	38	X	38	tipkani lahko po	X	Y	Z
po (1)	+	135	135+	po	÷	38	38 ÷	135	135	0	0
enačbi	12	12	135+	(2) enačbi	60	60	38 ÷	↑	135	135	0
	÷	12	12 ÷		+	0.6333	0.6333 +	12	12	135	0
	60	60	12 ÷		12	12	0.6333 +	↑	12	12	135
	⊕	135,20	135,20+		÷	12,6333	12,6333 ÷	60	60	12	135
	38	38	135,20+		60	60	12,6333 ÷	÷	0,20	135	0
	⊖	-38	38 ÷		+	0,2106	0,2106 +	+	135,20	0	0
	3600	3600	38 ÷		135	135	0,2106 +	38	38	135,20	0
	=	135,2106	"		=	135,2106		↑	38	38	135,20
								3600	3600	38	135,20
								÷	0,0106	135,20	
								+	135,2106		

Obratna naloga:  $135.2106 = 135^{\circ} 12' 38''$

$(135.2106 - 135) \times 60 = 12$

135.2106	X	135.2106	135.2106	135.2106	X	135.2106	135.2106	135.2106	X	135.2106	135.2106
-		135.2106	135.2106	-	135	135.2106	135.2106	135.2106	135	135.2106	135.2106
135		135.2106	135.2106	-	X	135.2106	135.2106	135.2106	-	0.2106	0.2106
=		0.2106	0.2106	X	60	0.2106	0.2106 X	0.2106	60	60	0.2106
X		0.2106	0.2106 X	=		60	0.2106 X	0.2106	X	12.6180	12.6180
60		60	0.2106 X	-	12	12.6180	12.6180	12.6180	-	12	12.6180
=		12,6360	12,6360	X	12	12.6180	12.6180	12.6180	X	0.6180	0.6180
12		12,6360	12,6360	=	60	0.6180	0.6180 X	0.6180	X	38''	38''
=		0.6360	0.6360	X	60	0.6360	0.6360 X	0.6360	X	38''	38''
X		0.6360	0.6360 X	=		60	0.6360 X	0.6360	X	38''	38''
60		60	0.6360 X			60	0.6360 X	0.6360	X	38''	38''
=		38''	38''			38''	38''	38''	X	38''	38''