

**SVEUČILIŠTE U ZAGREBU
GEODETSKI FAKULTET
ZAVOD ZA PRIMIJENJENU GEODEZIJU
TERENSKA MJERENJA**

SMJERNI KUT I DULJINA

JOSIPA HUMSKI

Br. Točke	Y	X
756	6373733.98	4799818.09
757	6373734.78	4799818.19
758	6373726.85	4799807.06
759	6373703.20	4799764.13
760	6373700.98	4799760.82
761	6373685.09	4799773.95

Geodetski fakultet
Zavod za primijenjenu geodeziju

str. 1

$\frac{T_B}{T_A}$	$\frac{y_B}{y_A}$ $\Delta y = y_B - y_A$ $\Delta x + \Delta y$	$\frac{x_B}{x_A}$ $\Delta x = x_B - x_A$ $\Delta x - \Delta y$	$\operatorname{tg} v_A^B = \frac{\Delta y}{\Delta x}$ v_A^B	$\operatorname{tg}(v_A^B + 45^\circ) = \frac{\Delta x + \Delta y}{\Delta x - \Delta y}$ $v_A^B + 45^\circ$	$\frac{\sin v_A^B}{\cos v_A^B}$ $d = \Delta y / \sin v_A^B$ $d = \Delta x / \cos v_A^B$	Kvadrant				
1	2	3	4			5			6	7
757	6373734.78	4799818.19							0.992277912	
756	6373733.98	4799818.09	7.999999953			-1.285714288			0.124034452	
	0.80	0.10	82	52	30	127	52	30	0.806 m	
	0.90	-0.70							0.806 m	Prvi kvadrant
758	6373726.85	4799807.06							-0.542873191	
756	6373733.98	4799818.09	0.646418858			4.656410257			-0.839814681	
	-7.13	-11.03	212	52	46	257	52	46	13.134	
	-18.16	-3.90							13.134	Treći kvadrant
759	6373703.20	4799764.13							-0.495479725	
756	6373733.98	4799818.09	0.570422535			3.655737705			-0.868619504	
	-30.78	-53.96	209	42	5	254	42	5	62.122	
	-84.74	-23.18							62.122	Treći kvadrant
760	6373700.98	4799760.82							-0.499265063	
756	6373733.98	4799818.09	0.576217915			3.719406675			-0.866449304	
	-33.00	-57.27	209	57	5	254	57	5	66.097	
	-90.27	-24.27							66.097	Treći kvadrant
761	6373685.09	4799773.95							-0.742245558	
756	6373733.98	4799818.09	1.107612143			-19.58526315			-0.670127997	
	-48.89	-44.14	227	55	23	272	55	23	65.868	
	-93.03	4.75							65.868	Treći kvadrant

Geodetski fakultet
Zavod za primijenjenu geodeziju

str. 2

$\frac{T_B}{T_A}$	$\frac{y_B}{y_A}$ $\Delta y = y_B - y_A$ $\Delta x + \Delta y$	$\frac{x_B}{x_A}$ $\Delta x = x_B - x_A$ $\Delta x - \Delta y$	$\operatorname{tg} v_A^B = \frac{\Delta y}{\Delta x}$ v_A^B	$\operatorname{tg}(v_A^B + 45^\circ) = \frac{\Delta x + \Delta y}{\Delta x - \Delta y}$ $v_A^B + 45^\circ$	$\frac{\sin v_A^B}{\cos v_A^B}$ $d = \Delta y / \sin v_A^B$ $d = \Delta x / \cos v_A^B$	Kvadrant				
1	2	3	4			5			6	7
758	6373726.85	4799807.06							-0.580268709	
757	6373734.78	4799818.19	0.712488769			5.95625000			-0.814425089	
	-7.93	-11.13	215	28	10	260	28	10	13.666	
	-19.06	-3.20							13.666	Treći kvadrant
759	6373703.20	4799764.13							-0.504406229	
757	6373734.78	4799818.19	0.584165742			3.809608541			-0.863466477	
	-31.58	-54.06	210	17	31	255	17	31	62.608	
	-85.64	-22.48							62.608	Treći kvadrant
760	6373700.98	4799760.82							-0.507609375	
757	6373734.78	4799818.19	0.589158097			3.868052609			-0.861587327	
	-33.80	-57.37	210	30	17	255	30	17	66.587	
	-91.17	-23.57							66.586	Treći kvadrant
761	6373685.09	4799773.95							-0.746876794	
757	6373734.78	4799818.19	1.123191682			-17.23486238			-0.664962446	
	-49.69	-44.24	228	19	14	273	19	14	66.530	
	-93.93	5.45							66.530	Treći kvadrant

Br. Točke	Y	X
756	6373733.98	4799818.09
757	6373734.78	4799818.19
758	6373726.85	4799807.06
759	6373703.20	4799764.13
760	6373700.98	4799760.82
761	6373685.09	4799773.95

Geodetski fakultet

Zavod za primijenjenu geodeziju

str. 3

$\begin{matrix} T_B \\ T_A \end{matrix}$	$\begin{matrix} y_B \\ y_A \\ \Delta y = y_B - y_A \\ \Delta x + \Delta y \end{matrix}$	$\begin{matrix} x_B \\ x_A \\ \Delta x = x_B - x_A \\ \Delta x - \Delta y \end{matrix}$	$\begin{matrix} \operatorname{tg} v_A^B = \frac{\Delta y}{\Delta x} \\ v_A^B \end{matrix}$	$\begin{matrix} \operatorname{tg}(v_A^B + 45^\circ) = \frac{\Delta x + \Delta y}{\Delta x - \Delta y} \\ v_A^B + 45^\circ \end{matrix}$	$\begin{matrix} \sin v_A^B \\ \cos v_A^B \\ d = \Delta y / \sin v_A^B \\ d = \Delta x / \cos v_A^B \end{matrix}$	Kvadrant							
1	2	3	4	5	6	7							
759	6373703.20	4799764.13	0.550896809			3.453319502			-0.482522459				
758	6373726.85	4799807.06							-23.65	-42.93	208	51	1
												49.013	
												49.013	Treći kvadrant
760	6373700.98	4799760.82	0.559472318			3.540009818			-0.48825319				
758	6373726.85	4799807.06							-25.87	-46.24	209	13	33
												52.985	
												52.985	Treći kvadrant
761	6373685.09	4799773.95	1.261250378			-8.655491329			-0.783588047				
758	6373726.85	4799807.06							-41.76	-33.11	231	35	25
												53.293	
												53.293	Treći kvadrant

Geodetski fakultet

Zavod za primijenjenu geodeziju

str. 4

$\begin{matrix} T_B \\ T_A \end{matrix}$	$\begin{matrix} y_B \\ y_A \\ \Delta y = y_B - y_A \\ \Delta x + \Delta y \end{matrix}$	$\begin{matrix} x_B \\ x_A \\ \Delta x = x_B - x_A \\ \Delta x - \Delta y \end{matrix}$	$\begin{matrix} \operatorname{tg} v_A^B = \frac{\Delta y}{\Delta x} \\ v_A^B \end{matrix}$	$\begin{matrix} \operatorname{tg}(v_A^B + 45^\circ) = \frac{\Delta x + \Delta y}{\Delta x - \Delta y} \\ v_A^B + 45^\circ \end{matrix}$	$\begin{matrix} \sin v_A^B \\ \cos v_A^B \\ d = \Delta y / \sin v_A^B \\ d = \Delta x / \cos v_A^B \end{matrix}$	Kvadrant							
1	2	3	4	5	6	7							
760	6373700.98	4799760.82	0.670694864			5.07339450			-0.557012522				
759	6373703.20	4799764.13							-2.22	-3.31	213	50	58
												3.986	
												3.986	Treći kvadrant
761	6373685.09	4799773.95	-1.844195519			-0.296813462			-0.879080123				
759	6373703.20	4799764.13							-18.11	9.82	298	28	6
												20.601	
												20.601	Četvrti kvadrant

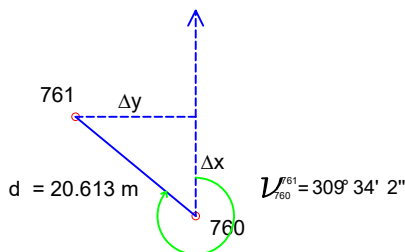
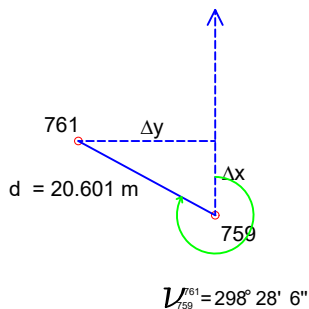
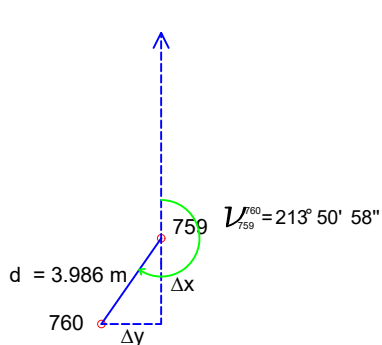
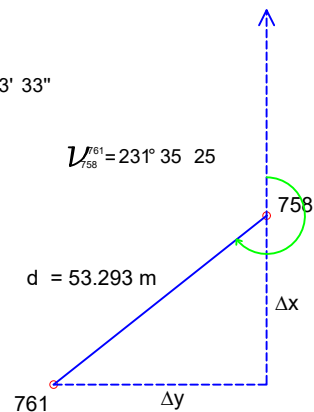
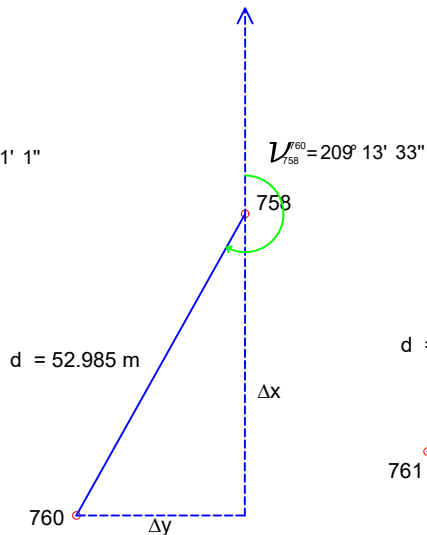
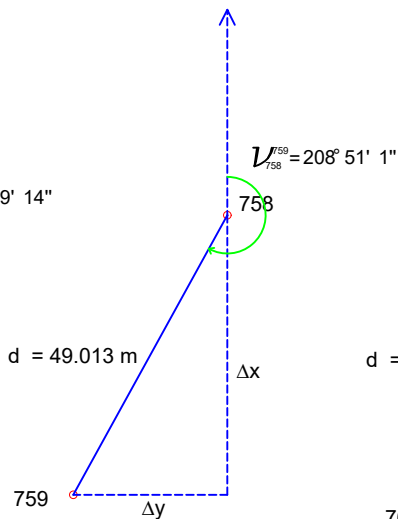
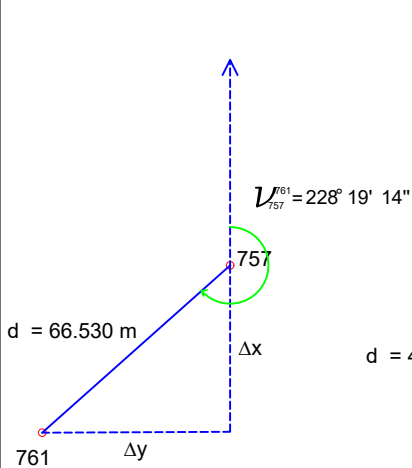
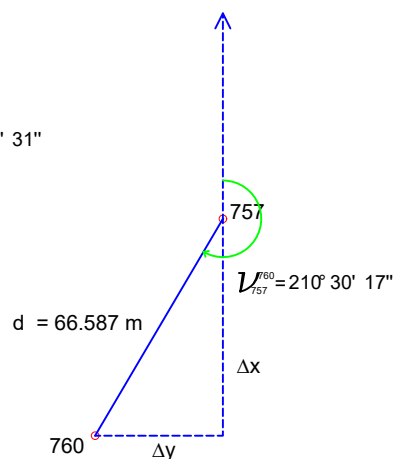
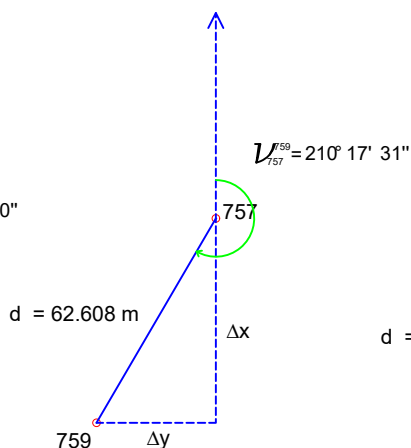
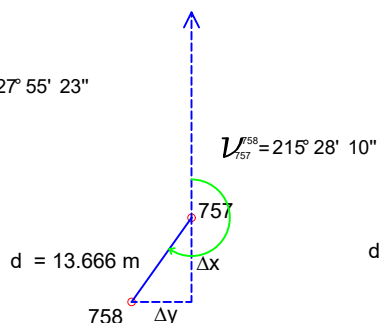
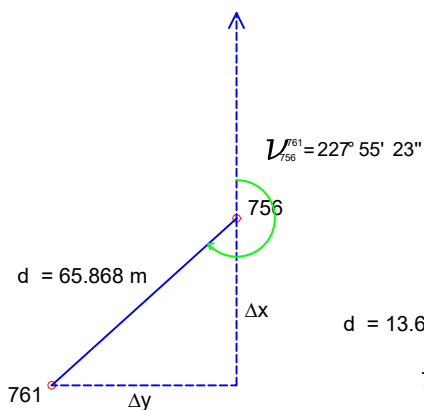
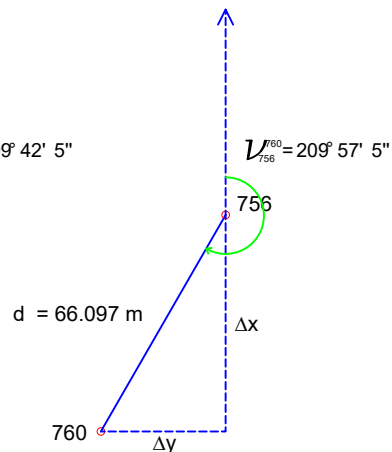
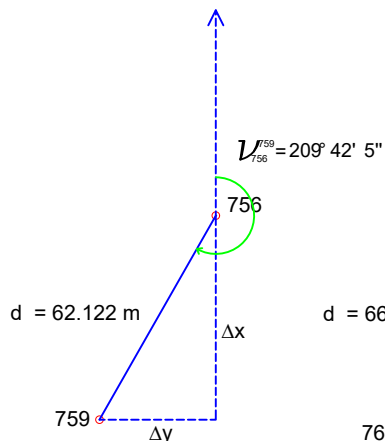
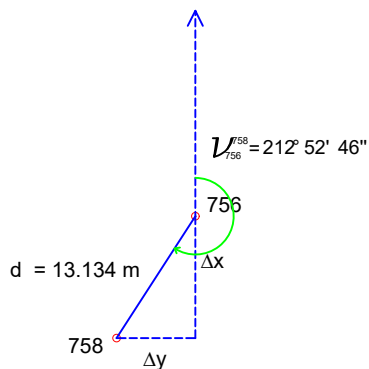
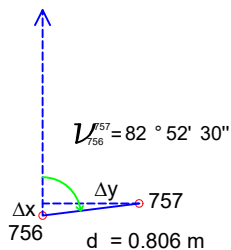
Geodetski fakultet

Zavod za primijenjenu geodeziju

str. 5

$\begin{matrix} T_B \\ T_A \end{matrix}$	$\begin{matrix} y_B \\ y_A \\ \Delta y = y_B - y_A \\ \Delta x + \Delta y \end{matrix}$	$\begin{matrix} x_B \\ x_A \\ \Delta x = x_B - x_A \\ \Delta x - \Delta y \end{matrix}$	$\begin{matrix} \operatorname{tg} v_A^B = \frac{\Delta y}{\Delta x} \\ v_A^B \end{matrix}$	$\begin{matrix} \operatorname{tg}(v_A^B + 45^\circ) = \frac{\Delta x + \Delta y}{\Delta x - \Delta y} \\ v_A^B + 45^\circ \end{matrix}$	$\begin{matrix} \sin v_A^B \\ \cos v_A^B \\ d = \Delta y / \sin v_A^B \\ d = \Delta x / \cos v_A^B \end{matrix}$	Kvadrant							
1	2	3	4	5	6	7							
761	6373685.09	4799773.95	-1.210205636			-0.09510682			-0.770877774				
760	6373700.98	4799760.82							-15.89	13.13	309	34	2
												20.613	
												20.613	Četvrti kvadrant

SKICE SMJERNIH KUTEVA



IZRADILA: JOSIPA HUMSKI