



$$d_{892-207} = a_{207} - a_{892}$$

$$d_{207-208} = a_{208} - a_{207}$$

....

$$u'_{892-207} = u_{207} (\textit{levo})$$

$$u'_{207-208} = u_{207} (\textit{desno})$$

....

$$u'_{209-210} = u_{209} + u_{210} (\textit{desno})$$

Uneti vrednosti d_n i u prema objašnjenju sa prethodnog slajda. Kontrola ovih vrednosti:

$$\sum d_n = a_Z = a_{893} \qquad \sum u_L = -\sum u_D$$

Y_p, Y_z, X_p, X_z uzeti iz poligonskog vlaka

	dn	u	Y	X	T
			2539.61	4266.80	(P) 892
	48.32	-28.63			
	26.06	28.63			207
	51.28	-18.13			208
	86.68	38.01			209
	144.56	-19.88			210
	356.90	0.00	2445.48	3922.49	(Z) 893

Računanje koordinata linijskih tačaka (1)

$$D_T = \sqrt{\Delta Y^2 + \Delta X^2} = \sqrt{(Y_z - Y_p)^2 + (X_z - X_p)^2}$$

$$D_m - \text{mereno} = a_z = \sum d_n$$

$$D_T - D_m = \pm f_d$$

$$|f_d| \leq \Delta_{dozv}$$

$$\Delta_{dozv} = 0.007 * \sqrt{D_m}$$

$\Delta Y =$	-94.14	dn	u	Y	X	T
$\Delta X =$	-344.31			2539.61	4266.80	892
D =	356.94	48.32	-28.63			207
$\Delta =$	0.04					208
dozv =	(0.13)	26.06	28.63			209
						210
		51.28	-18.13			
		86.68	38.01			
		144.56	-19.88			
		356.90	0.00	2445.48	3922.49	893

Računanje koordinata linijskih tačaka (2)

$$o = \frac{Y_z - Y_p}{D_m} = \frac{Y_{893} - Y_{892}}{a_{893}}$$

$$a = \frac{X_z - X_p}{D_m} = \frac{X_{893} - X_{892}}{a_{893}}$$

Kontrola:

$$a^2 + o^2 \approx 1$$

$\Delta Y =$	-94.14	$o =$	-0.26377	dn	u	Y	X	T
$\Delta X =$	-344.31	$a =$	-0.96471			2539.61	4266.80	892
D =	356.94			48.32	-28.63			
$\Delta =$	0.04							207
dozv =	(0.13)			26.06	28.63			
								208
				51.28	-18.13			
								209
				86.68	38.01			
								210
				144.56	-19.88			
						2445.48	3922.49	893
				356.90	0.00			

Računanje koordinata linijskih tačaka (3)

$$\Delta y_{892-207} = od_{892-207} + au'_{892-207}$$

$$\Delta x_{892-207} = ad_{892-207} - ou'_{892-207}$$

$$\Delta y_{207-208} = od_{207-208} + au'_{207-208}$$

$$\Delta x_{207-208} = ad_{207-208} - ou'_{207-208}$$

Tačka sa leve strane linije, u se uzima sa znakom -

Nastavi do kraja ...

$\Delta Y =$	-94.14	$o =$	-0.26377	dn	u	Y	X	T
$\Delta X =$	-344.31	$a =$	-0.96471			2539.61	4266.80	892
D =	356.94			48.32	-28.63	14.87	-54.17	
$\Delta =$	0.04							207
dozv =	(0.13)			26.06	28.63			
								208
				51.28	-18.13			
								209
				86.68	38.01			
								210
				144.56	-19.88			
						2445.48	3922.49	893
				356.90	0.00			

Računanje koordinata linijskih tačaka (4)

$$Y_{207} = Y_{892} + \Delta y_{207-892}$$

$$X_{207} = X_{892} + \Delta x_{207-892}$$

$$Y_{208} = Y_{207} + \Delta y_{207-208}$$

$$X_{208} = X_{207} + \Delta x_{207-208}$$

Kontrola:

$$Y_{893} = Y_{210} + \Delta y_{210-893}$$

$$X_{893} = X_{210} + \Delta x_{210-893}$$

$\Delta Y =$	-94.14	$o =$	-0.26377	dn	u	Y	X	T
$\Delta X =$	-344.31	$a =$	-0.96471			2539.61	4266.80	892
D =	356.94			48.32	-28.63	+ 14.87	-54.17	
$\Delta =$	0.04					= 2554.49	4212.63	207
dozv =	(0.13)			26.06	28.63			
								208
				51.28	-18.13			
								209
				86.68	38.01			
								210
				144.56	-19.88			
						2445.48	3922.49	893
				356.90	0.00			