

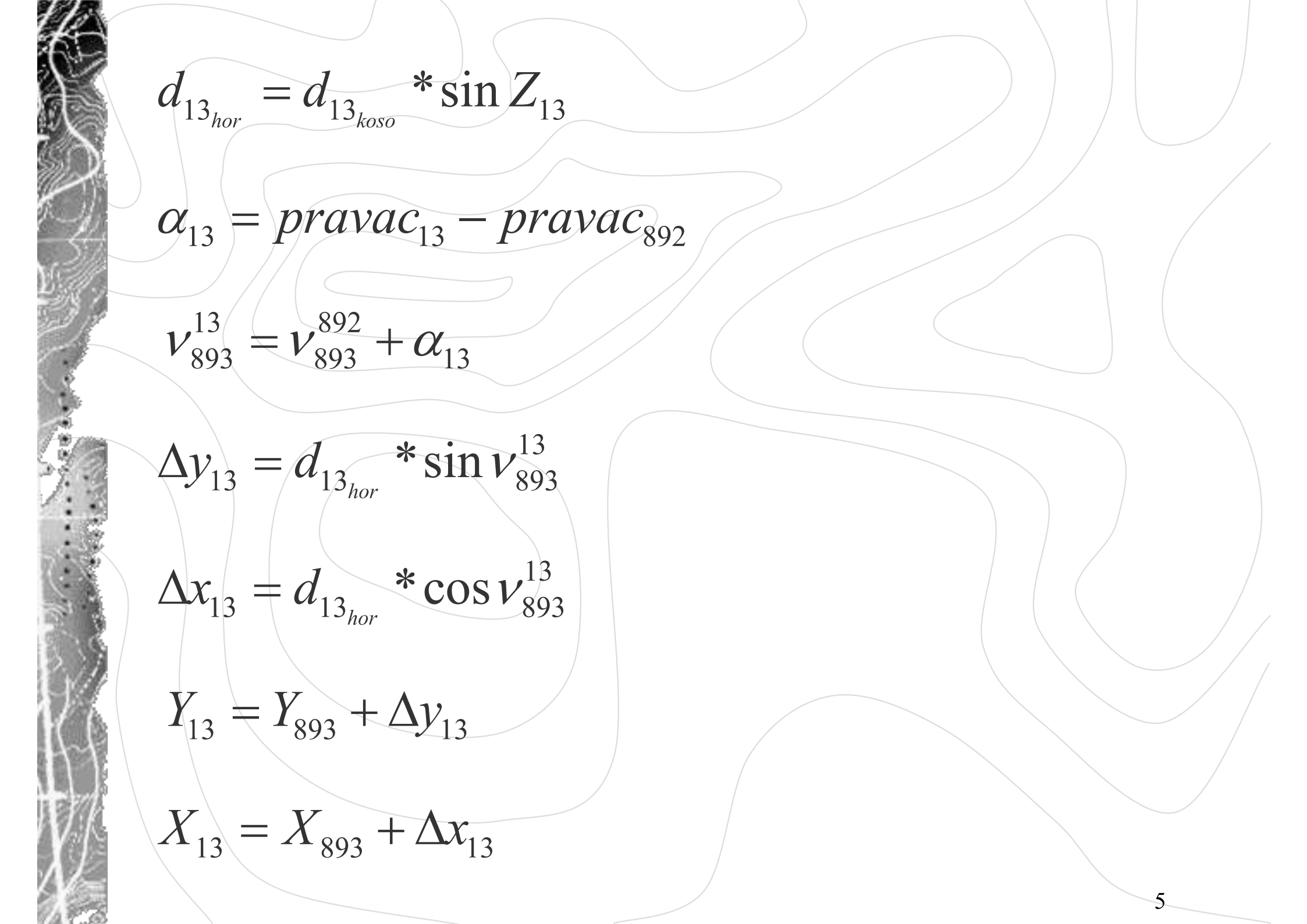
2. Vežba

Računanje koordinata detaljnih tačaka snimljenih polarnom metodom

Stanica	Vizura	pravac	d koso	Z
893	892	0 00 00	356.95	89 51 45
$i=1.43$	13	266 32 07	240.80	89 52 47
$l=1.43$	14	277 17 51	373.61	89 53 09
	15	299 38 02	464.18	89 51 45
	16	303 40 24	298.91	89 50 17

Sračunati direkcioni ugao $V_{\text{stanica}}^{1.\text{vizura}}$

u ovom slučaju V_{893}^{892}


$$d_{13_{hor}} = d_{13_{koso}} * \sin Z_{13}$$

$$\alpha_{13} = pravac_{13} - pravac_{892}$$

$$v_{893}^{13} = v_{893}^{892} + \alpha_{13}$$

$$\Delta y_{13} = d_{13_{hor}} * \sin v_{893}^{13}$$

$$\Delta x_{13} = d_{13_{hor}} * \cos v_{893}^{13}$$

$$Y_{13} = Y_{893} + \Delta y_{13}$$

$$X_{13} = X_{893} + \Delta x_{13}$$

$$\Delta h_{13_{hor}} = d_{13_{koso}} * \cos Z_{13} + i - l$$

$$H_{13} = H_{893} + \Delta h_{13}$$

Napravi tabelu:

Stanica	Vizura	pravac	d koso	Z	d hor	α	v	Δy	Δx	Δh	Y	X	H
893	892	0 00 00	356.95	89 51 45									
i=1.43	13	266 32 07	240.80	89 52 47									
l=1.43	14	277 17 51	373.61	89 53 09									
	15	299 38 02	464.18	89 51 45									
	16	303 40 24	298.91	89 50 17									

Uraditi i za druge dve stanice