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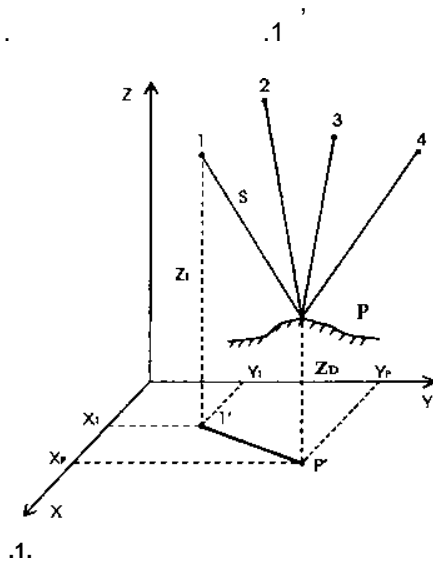
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 [7]. -

( , -  
 ) [1, 2, 3, 8]. -  
 [5, 6]. -

[4]. -  
 : -

$$R(t_k) = X(t_k), Y(t_k), Z(t_k), k = 1, \dots, m, \tag{1.1}$$

$X, Y, Z$  - ,  $t_k$  -  
 ( , , ) ,  $m$  -  
 $X, Y, Z$  ,



(S) ( , Y , Zp)

$$S_{ip}^2 = (X_i - X_p)^2 + (Y_i - Y_p)^2 + (Z_i - Z_p)^2, \quad (1.2)$$

$S_{ip}^2$  -  $i$  - ,  $X_i, Y_i, Z_i$  -  
;  $X_p, Y_p, Z_p$  -

« »  $S_{ip}$  -

$$S_{ip} = c(\tau_{ip} - \Delta T_p) = D_{ip} - c \cdot \Delta T_p, \quad (1.3)$$

$c$  - ,  $\tau_{ip}$  -  
 ,  $\Delta T_p$  -

,  $D_{ip}$  -

$$(1.2) \quad \delta D_{ip} : \\ D_{ip} = \sqrt{(X_i - X_p)^2 + (Y_i - Y_p)^2 + (Z_i - Z_p)^2} + c\Delta T_p + \delta D_{ip}. \quad (1.4)$$

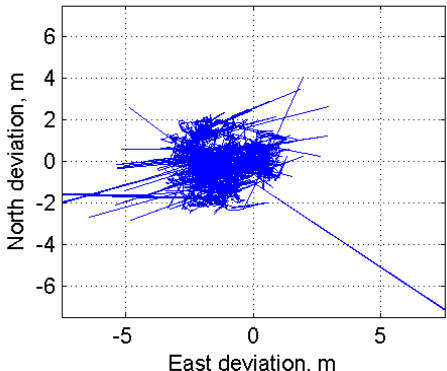
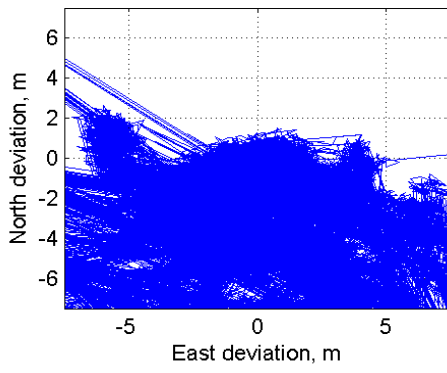
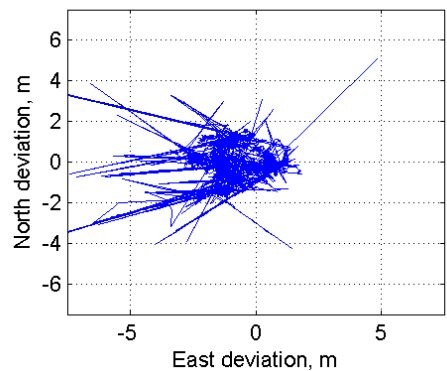
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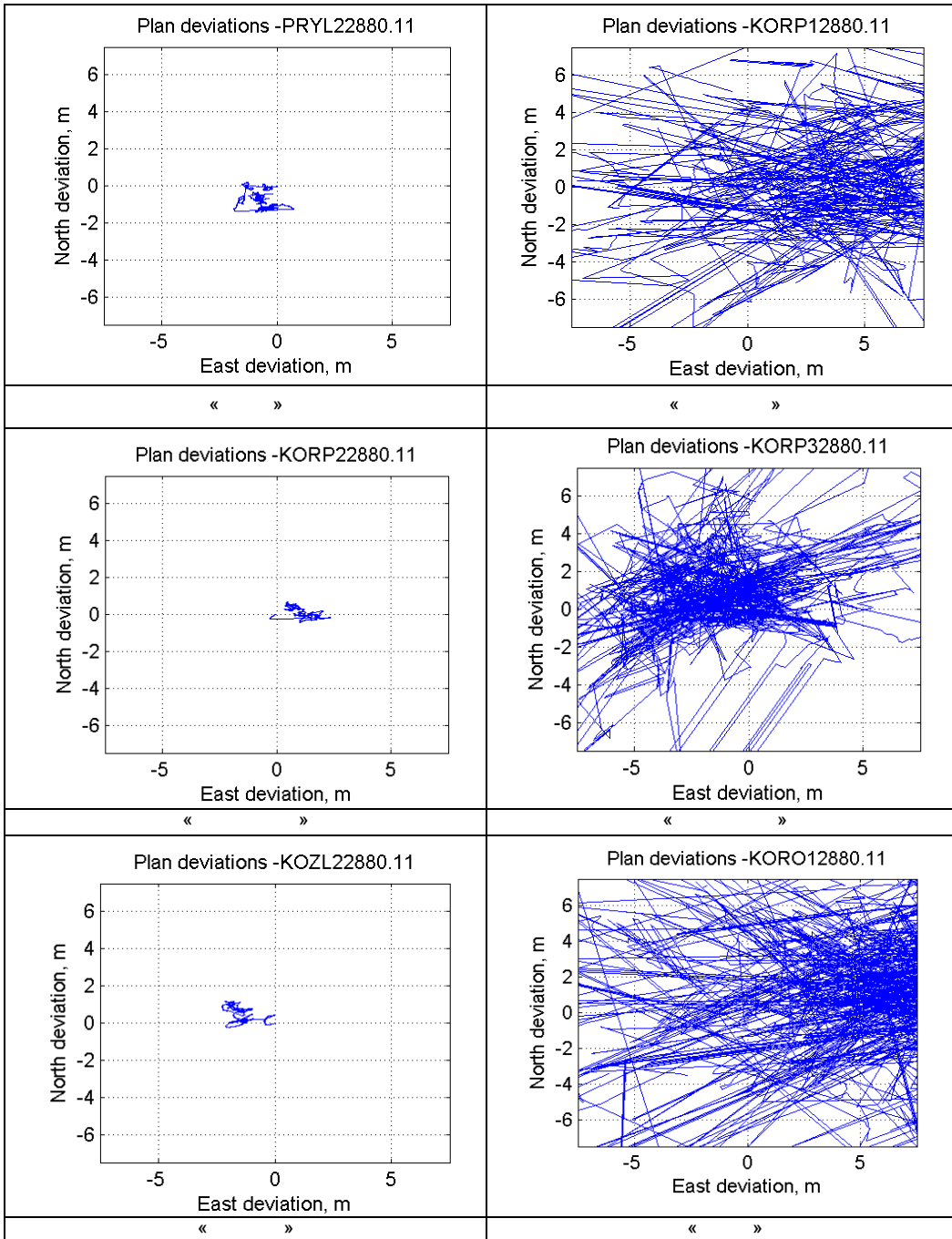
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1	« . »	<p>Plan deviations -CNIV2882.11</p> 
2	« . »	<p>Plan deviations -KORP2882.11</p> 
3	« . »	<p>Plan deviations -PRYL2882.11</p> 

.2 - « », « », « », « -  
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( .2).

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( .3( )).



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.3.

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24 .

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20 ,

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1. «...» / ... «...», 2005. – 334 .
2. «...» / ... «...», 2006. – 360 .
3. : ... — : ... , 2007. — 163 .
4. «...» / ... // : ... , 2004. – 355 .
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6. (RTK) : ... 05.24.01
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- // C «...» , 2012. - (23). – 38-40.
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**ERRORS OF THE ENVIRONMENTAL INFLUENCE  
ON THE COORDINATES ACCURACY  
AT GNSS-OBSERVATIONS IN THE NORTH REGION**

**Tereshchuk O., Nystoriak I.**

In the article analyzes the GNSS-observations obtained in the framework of first GNSS-campaign in the North of Ukraine. Considered the impact of environmental errors on estimates of planned deviation from the benchmark coordinate.