

Obliczenie ciągu poligonowego bez nawiązania kąтового

| Oznaczenia punktów | Kąty poziome<br>$\alpha$ - lewe, $\beta$ - prawe<br><small>o " ' c ''</small> | Azymuty                   |                           | Długości boków<br>$d$ | Przyrosty  |            | Przyrosty poprawione |   | Współrzędne  |              | Oznaczenia punktów | Uwagi, obliczenia, szkice |
|--------------------|---|---------------------------|---------------------------|-----------------------|------------|------------|----------------------|---|--------------|--------------|--------------------|---------------------------|
|                    |   | $A^P$                     | $A^W$                     |                       | $\Delta x$ | $\Delta y$ | X                    | Y |              |              |                    |                           |
|                    |   | <small>o " ' c ''</small> | <small>o " ' c ''</small> |                       |            |            |                      |   | $\Delta x^P$ | $\Delta y^P$ |                    |                           |
| 1                  | 2   | 3                         | 3                         | 4                     | 5          | 6          | 7                    | 8 | 9            | 10           | 11                 | 12                        |
|                    |   |                           |                           |                       |            |            |                      |   |              |              |                    |                           |
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|                    |   |                           |                           |                       |            |            |                      |   |              |              |                    |                           |

*Wzory i obliczenia:*  

$$(u, v) = \begin{bmatrix} [\Delta x^P] & [\Delta y^P] \\ [\Delta x^W] & [\Delta y^W] \end{bmatrix}^{[1],[2]} =$$
  
 (....., .....)  

$$\operatorname{tg} \gamma = \frac{u}{v} = \dots\dots\dots$$
  

$$\gamma = \dots\dots\dots$$
  
*Kontrola:*  

$$\operatorname{tg} A^P = \frac{[\Delta y^P]}{[\Delta x^P]} = \dots\dots\dots$$

$$A^P = \dots\dots\dots$$
  

$$\operatorname{tg} A^W = \frac{[\Delta y^W]}{[\Delta x^W]} = \dots\dots\dots$$

$$A^W = \dots\dots\dots$$
  

$$\gamma = A^W - A^P = \dots\dots\dots$$