Zadanie Hansena

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Szkic  *ϕβ*  *A=* ctg *α = ....................................*  *B=* ctg *β = .....................................*  *C=* ctg *γ = .....................................*  *D=* ctg *δ = ....................................*    *= .....................................* | | | | | | | | **Wzory i obliczenia wstępne:**  *Q*  *δ*  *γ*  *ββ*  *α*  *P* A *B*  *δ*  *γ*  *ββ*  *α*  *P*  *Q*  *A* B (*X,Y*)*P* =  ***A0 B0***  (*X,Y*)*Q* =  ***C0 D0*** | | | | | | | |
| **Dane:** | | | | | | | | Zestawienie formy rachunkowej do obliczenia punktu P | | | | | | | |
| *XA* |  | | | *YA* |  | | | ***XA*** |  | ***YA*** |  | ***XB*** |  | ***YB*** |  |
| *XB* |  | | | *YB* |  | | | **-1** | -1 | ***A0*** |  | **+1** | +1 | ***B0*** |  |
| ∢*APB* |  |  |  | ∢*AQB* |  |  |  | Zestawienie formy rachunkowej do obliczenia punktu Q | | | | | | | |
| ∢*QPA* |  |  |  | *∢BQP* |  |  |  | ***XA*** |  | ***YA*** |  | ***XB*** |  | ***YB*** |  |
| ***α*** |  |  |  | ***β*** |  |  |  | **+1** | +1 | ***C0*** |  | **-1** | -1 | ***D0*** |  |
| ***γ*** |  |  |  | ***δ*** |  |  |  | **Współrzędne punktów szukanych** | | | | | | | |
| ***Kontrola:***  tg *ϕ =* | | | | | | | | ***XP*** |  | ***YP*** |  | ***XQ*** |  | ***YQ*** |  |
| ***Kontrola:***  tg *α =*  ∢*QPB =.........................*  tg (360°–*δ*) *=*  ∢*AQP=.........................* | | | | | | | |

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| Szkic  *ϕβ*  *A=* ctg *α = ....................................*  *B=* ctg *β = .....................................*  *C=* ctg *γ = .....................................*  *D=* ctg *δ = ....................................*    *= .....................................* | | | | | | | | **Wzory i obliczenia wstępne:**  *Q*  *δ*  *γ*  *ββ*  *α*  *P* A *B*  *δ*  *γ*  *ββ*  *α*  *P*  *Q*  *A* B (*X,Y*)*P* =  ***A0 B0***  (*X,Y*)*Q* =  ***C0 D0*** | | | | | | | |
| **Dane:** | | | | | | | | Zestawienie formy rachunkowej do obliczenia punktu P | | | | | | | |
| *XA* |  | | | *YA* |  | | | ***XA*** |  | ***YA*** |  | ***XB*** |  | ***YB*** |  |
| *XB* |  | | | *YB* |  | | | **-1** | -1 | ***A0*** |  | **+1** | +1 | ***B0*** |  |
| ∢*APB* |  |  |  | ∢*AQB* |  |  |  | Zestawienie formy rachunkowej do obliczenia punktu Q | | | | | | | |
| ∢*QPA* |  |  |  | *∢BQP* |  |  |  | ***XA*** |  | ***YA*** |  | ***XB*** |  | ***YB*** |  |
| ***α*** |  |  |  | ***β*** |  |  |  | **+1** | +1 | ***C0*** |  | **-1** | -1 | ***D0*** |  |
| ***γ*** |  |  |  | ***δ*** |  |  |  | **Współrzędne punktów szukanych** | | | | | | | |
| ***Kontrola:***  tg *ϕ =* | | | | | | | | ***XP*** |  | ***YP*** |  | ***XQ*** |  | ***YQ*** |  |
| ***Kontrola:***  tg *α =* ∢ *QPB =..........................*  tg (360°–*δ*) *=*  ∢*AQP =.........................* | | | | | | | |