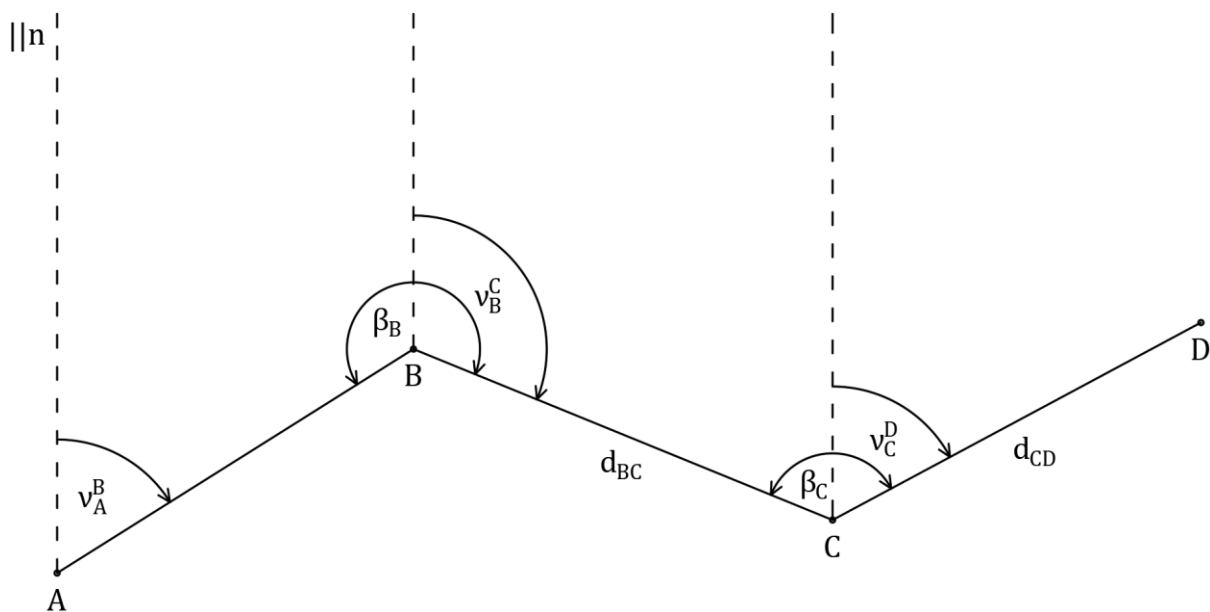## VAJA 4 – SLEPI POLIGON

**SLEPI POLIGON**

<u>dano</u>: $A(e_A, n_A), B(e_B, n_B)$

<u>merjeno</u>: $\beta_B, d_{BC}, \beta_C, d_{BD}$

<u>iščemo</u>: $C(e_C, n_C), D(e_D, n_D)$



Izračun koordinat točke C:

> $v_B^C = v_A^B + \beta_B - 180°$

> $\Delta e_B^C = d_{BC} \sin v_B^C$
> $\Delta n_B^C = d_{BC} \cos v_B^C$

> $e_C = e_B + \Delta e_B^C$
> $n_C = n_B + \Delta n_B^C$

Izračun koordinat točke D:

> $v_C^D = v_B^C + \beta_C - 180°$

> $\Delta e_C^D = d_{CD} \sin v_C^D$
> $\Delta n_C^D = d_{CD} \cos v_C^D$

> $e_D = e_C + \Delta e_C^D$
> $n_D = n_C + \Delta n_C^D$

V primeru, da je vrednost izračunanega smernega kota:
- $v < 0 \rightarrow v = v + 360°$,
- $v > 360° \rightarrow v = v - 360°$.