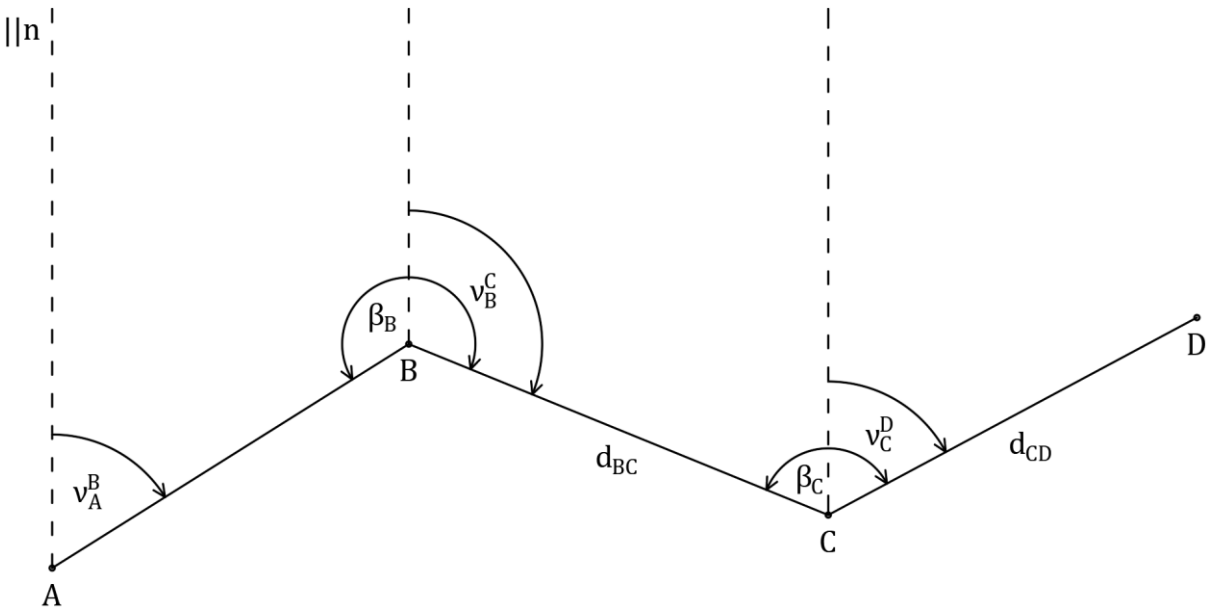
VAJA 4 – SLEPI POLIGON

SLEPI POLIGON

dano: $A(e_A, n_A), B(e_B, n_B)$

merjeno: $\beta_B, d_{BC}, \beta_C, d_{BD}$

iščemo: $C(e_C, n_C), D(e_D, n_D)$



Izračun koordinat točke C:

- $\nu_B^C = \nu_A^B + \beta_B - 180°$
- $\Delta e_B^C = d_{BC} \sin \nu_B^C$
  $\Delta n_B^C = d_{BC} \cos \nu_B^C$
- $e_C = e_B + \Delta e_B^C$
  $n_C = n_B + \Delta n_B^C$

Izračun koordinat točke D:

- $\nu_C^D = \nu_B^C + \beta_C - 180°$
- $\Delta e_C^D = d_{CD} \sin \nu_C^D$
  $\Delta n_C^D = d_{CD} \cos \nu_C^D$
- $e_D = e_C + \Delta e_C^D$
  $n_D = n_C + \Delta n_C^D$

V primeru, da je vrednost izračunanega smernega kota:

- $\nu < 0° \rightarrow \nu = \nu + 360°$,
- $\nu > 360° \rightarrow \nu = \nu - 360°$.