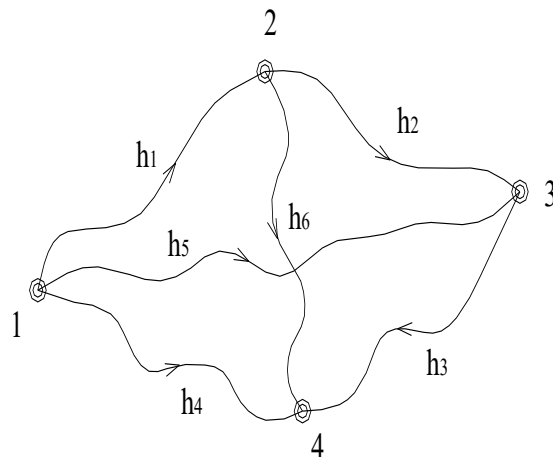


PREDMET: RAČUN IZRAVNANJA

VEŽBA 6

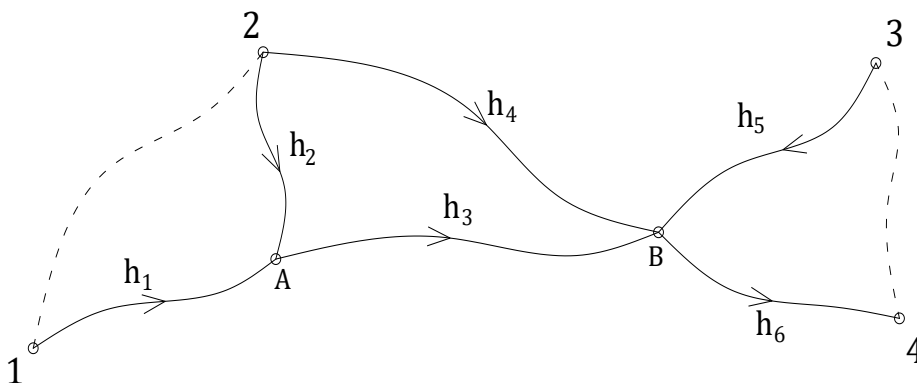
1. Slobodnu nivelmansku mrežu izravnati po metodi uslovnih merenja. Dato je: $h_1 = 9.995 \text{ m}$, $h_2 = 10.003 \text{ m}$, $h_3 = 10.004 \text{ m}$, $h_4 = 29.997 \text{ m}$, $h_5 = 20.002 \text{ m}$, $h_6 = 19.999 \text{ m}$. Standard apriori za ocenu nepoznatih parametara je $\sigma_0 = 3$.



Duzine strana u kilometrima:

$S_1 = 0.72 \text{ km}$, $S_2 = 0.9 \text{ km}$, $S_3 = 0.65$, $S_4 = 0.84 \text{ km}$, $S_5 = 1.50 \text{ km}$ i $S_6 = 1.30 \text{ km}$.

2. Nivelmansku mrežu izravnati po metodi uslovnog izravnanja sa nepoznatim parametrima.



Date visine repera: $H_1 = 47,654 \text{ m}$, $H_2 = 56,655 \text{ m}$, $H_3 = 54,400 \text{ m}$, $H_4 = 113,880 \text{ m}$.

Broj vlaka	h_i [m]	S_i [km]	
1	15.22	22.0	
2	6.199	26.0	
3	7.579	6.2	
4	13.800	20.0	
5	16.053	33.5	
6	43,425	52.6	