

Point number		Rod reading			Absolute height of instrument	Absolute height of point		Note
change point	intermediate point	backsight +	foresight -	intermediate sight -		change point	intermediate point	
		0,816					20	$H_{101} = 174,519 \text{ m}$
			1,521				20	
		0,729					23	$h^I = \sum b - \sum f =$
			1,418				23	$= 3,751 - 5,816 = -2,065 \text{ m}$
		1,112					15	
			1,613				15	$h^{II} = \sum b - \sum f =$
		1,094					25	$= 4,977 - 2,907 = 2,070 \text{ m}$
106			1,264				25	
	$\Sigma$	3,751	5,816				166	$\Delta =  h^I  -  h^{II}  =$
								$= 2,065 - 2,070 = -0,005 \text{ m}$
106		1,423					35	$\Delta_M = 40 \cdot \sqrt{R/2} =$
			1,063				35	$= 40 \cdot \sqrt{0,173} \doteq 0,017 \text{ m}$
		1,844					30	
			1,081				30	$ \Delta  \leq \Delta_M$
		1,710					25	
101			0,763				25	$h^\theta = \frac{h^I - h^{II}}{2} =$
	$\Sigma$	4,977	2,907				180	$= \frac{-2,065 - 2,070}{2} = -2,068 \text{ m}$
								$H_{106} = H_{101} + h^\theta =$
								$= 174,519 - 2,068 = 172,451 \text{ m}$
								Instr.: Sokkia C330, s.n. 10320
								Date: 4. 6. 2016
								Location: FCE, CTU
								Surveyor: Kratochvíl
								Booking: Nováková
								Calculation: Kratochvíl
								Check: Nováková

