Differential leveling

Number of		Reading			Elevation of the instrument horizont	Elevation of the		Comment
shift point	side point	backward +	forward –	sideward –		shift point	side point	
						Survey area:		Brno, Veveří
						Date:		August 15, 2022
						Instrument:		Zeiss Ni020A, s.n. 12755
						Instrument operator:		Michal Kuruc
						Rodperson:		Jakub Nosek
		Elevation check of No. 7						
7		1237				**233,598**		N., Brno, Veveří 95, VUT FAST,
			2093					
		0981						
			2154					
		1452						
8			1992			**231,036**		N., Brno, Veveří 95, VUT FAST,
		3670	6239			**ΔH = -2,562**		
			2,569			**h = -2,569**		
						Uh = +0,007	**(Δh=0,024)**	**r = 0,35 km; Dh=40√r**
7		2098			235,697	**233,598**		N., Brno, Veveří 95, VUT FAST,
		+2	1235			234,462		
		1862			236,326			
501		+1	2831			**233,495**		N., Brno, Veveří 95, VUT FAST,
		1654			235,15			
		+2	1018			234,132		
		3607			237,741			
		+1	1587			236,154		
		1653			237,808			
		+2	1449			236,359		
		0348			236,709			
7			3111			**233,598**		N., Brno, Veveří 95, VUT FAST,
		11222	11231			**ΔH = 0,000**		
			0,009			**h = -0,009**		
						Uh = +0,009	**(Δh=0,018)**	**r = 0,40 km; Dh=40√0,20**