Department	of Civil and Hydraulic Engine	eering of Biskra	
Subject: Practical Work in Top	ography <u>Thu</u>	esday 29 10 2024	
Practical work n°2: Group 3 (	Subgroup A)		
Direct leveling (Closed path)			
We give:			
- 01 known point (local reference	ces) : Altitude of R <sub>1</sub> =	m.	
- An extract from the decree undertaken by public services.	of 21/01/80 concerning the	tolerances applicable to surveys	
- A diagram of the route to be o	arried out.		
We ask:			
- To carry out a supervised dire and 3.	ect leveling to determine on	the site the altitude of points 1, 2	
- To define if the results are out	of tolerance.		
- To check the closing deviation	and to carry out the compe	nsation.	
We require:			
- Respect for the equipment - Find Clarity and cleanliness of the re	•	- Accuracy of the measurements -	
Route diagram:	<sub>R</sub> X		
		o 3	
o 1			
	02		
Subgroups: 1, 2 and 3			
1	2	3	
		+	

## Department of Civil and Hydraulic Engineering of Biskra

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Subject : Practical work in topo	ography <u>Tues</u>	day 05 November 2024	
Practical work n°3: Group 3 (	subgroup B)		
Direct leveling (supervised routing)			
We give:			
- 02 known points (local referer	nces) : Altitude of $R_1 = \dots m$	and Alt R <sub>2</sub> = m	
- An extract from the decree undertaken by public services.	of 21/01/80 concerning the to	lerances applicable to surveys	
- A diagram of the route to be o	arried out.		
We ask:			
- To carry out a supervised dire and 3.	ect leveling to determine on th	e site the altitude of points 1, 2	
- To define if the results are out	t of tolerance.		
- To check the closing deviation	n and to carry out the compens	ation.	
We require:			
- Respect for the equipment -	•	Accuracy of the measurements -	
Schéma du parcours :			
X <sub>R1</sub>	x 2		
x 1			
		<sub>R2</sub> X	
	x 3		
Subgroups: 4, 5 and 6			
4	5	6	