

Practical work n°3 : Group 7 (Engineer)

1) Direct leveling (Closed path)

We give:

- 01 known point (local references) : Altitude of $R_1 = \dots\dots\dots$ m.
- An extract from the decree of 21/01/80 concerning the tolerances applicable to surveys undertaken by public services.
- A diagram of the route to be carried out.

We ask:

- To carry out a supervised direct leveling to determine on the site the altitude of points 1, 2 and 3.
- To define if the results are out of tolerance.
- To check the closing deviation and to carry out the compensation.

We require:

- Respect for the equipment - Respect for the time allowed - Accuracy of the measurements - Clarity and cleanliness of the report.

Route diagram:

$R \quad X$

o 3

o 1

o 2

Subgroup : 1

1

2) Direct leveling (supervised routing)

We give:

- 02 known points (local references) : Altitude of $R_1 = \dots\dots\dots$ m and Alt $R_2 = \dots\dots\dots$ m
- An extract from the decree of 21/01/80 concerning the tolerances applicable to surveys undertaken by public services.
- A diagram of the route to be carried out.

We ask:

- To carry out a supervised direct leveling to determine on the site the altitude of points 1, 2 and 3.
- To define if the results are out of tolerance.
- To check the closing deviation and to carry out the compensation.

We require:

- Respect for the equipment - Respect for the time allowed - Accuracy of the measurements - Clarity and cleanliness of the report.

Schéma du parcours :



Subgroup : 2

2