

Name:

NEPTUN:

Use the given coordinates and the computation sheet to calculate the coordinates of the traverse points and write them into the table with centimeter precision. After that, draw a sketch of the traverse line.

List of coordinates

Point ID	Easting [m]	Northing [m]
S	627 412.55	182 293.82
E	629 579.15	182 018.17
T1	628 265.00	182 915.07
T2	628 986.91	181 039.08
T3	627 164.91	181 779.15
T4	631 007.51	180 142.85
T5	628 919.61	181 544.55
T6	628 850.81	182 993.49

Coordinates of the traverse points

Point ID	Easting [m]	Northing [m]
1		
2		
3		

Station ID	Target ID	Mean Direction			Orientation angle			Whole Circle Bearing / Deflection angle			Distance [m]
		°	'	''	°	'	''	°	'	''	
S	T1	18	25	01							
	T2	93	03	59							
	T3	170	12	31							
	1	44	43	28							405.89
1	S	195	16	47							405.90
	2	45	25	45							912.53
2	1	306	51	52							912.54
	3	85	24	58							367.47
3	2	40	40	46							367.47
	E	257	24	26							590.20
E	T4	66	27	12							
	T5	158	03	40							
	T6	246	59	21							
	3	209	23	54							590.19

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Station	Distance	WCB			(ΔE)	(ΔN)	ΔE	ΔN
		β			$v\Delta E$	$v\Delta N$	E	N
S								
1								
2								
3								
E								
Σ								