

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	624 157.31	182 458.25
E	625 312.52	183 312.35
T1	625 872.57	183 597.07
T2	623 567.83	182 899.66
T3	623 335.95	181 432.89
T4	628 503.26	186 776.96
T5	627 061.79	181 815.71
T6	624 968.90	183 810.02

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	147	25	01							
	T2	37	50	04							
	T3	309	41	01							
	1	161	04	58							324.82
1	S	91	55	17							324.85
	2	302	48	12							562.22
2	1	289	48	47							562.20
	3	12	36	45							212.74
3	2	333	12	08							212.78
	E	173	25	39							698.29
E	T4	30	47	28							
	T5	118	41	10							
	T6	313	31	10							
	3	192	07	31							698.28

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Station	Distance	WCB			(ΔE)	(ΔN)	ΔE	ΔN
		β			$v\Delta E$	$v\Delta N$	E	N