

1. A triangle is formed by the stations 279, 2173, and 640. Furthermore is given a reference station RS.

Name	$\varphi$ [°]	$\lambda$ [°]	$N$ [m]
RS	57.013821	9.9872637	
279	56.76730	9.82257	38.458
2173	57.07760	9.91182	38.163
640	56.43799	10.85308	37.568

Compute the geoidal undulation  $N$  at RS.