Reference Systems

Results:

Task 1 (3 Points):

a)

A	x [m]	y [m]	z [m]
Bessel	4156936,718	671994,608	4773907,774
WGS84	4157442,456	672076,364	4774392,711
PZ-90	4157441,788	672076,256	4774392,010

B	x [m]	y [m]	z [m]
Bessel	134958,568	21816,890	6354918,291
WGS84	134975,577	21819,639	6355591,614
PZ-90	134975,555	21819,636	6355590,662

diff_A	dx [m]	dy [m]	dz [m]
Bessel-WGS84	-505,739	-81,756	-484,937
Bessel-PZ-90	-505,071	-81,648	-484,236
WGS84-PZ-90	0,668	0,108	0,701

diff_B	dx [m]	dy [m]	dz [m]
Bessel-WGS84	-17,009	-2,750	-673,323
Bessel-PZ-90	-16,987	-2,746	-672,371
WGS84-PZ-90	0,022	0,004	0,952

b)

diff (WGS84 - sphere)	dx [m]	dy [m]	dz [m]
A	7968,504	1288,158	-22962,810
B	455,209	73,587	-21252,611