

Classical 3D - Transformation Report: Vuzenica2

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Project Information

	System A	System B
Project name:	Crna Trans1	Crna Trans1_GK

Coordinate System Information System B

Coordinate system name:	SLO Gauss-Krueger 1
Created:	-
Transformation name:	-
Transformation type:	-
Height mode:	-
Residuals:	-
Local Ellipsoid:	Bessel 1841
Projection:	SLO Gauss-Krueger 1
Geoid model:	-
CSCS model:	-

Transformation details

Height mode:	Orthometric
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3D-Helmert transformation

Number of common points:	4	Å
Sigma a priori:	1.0000	Å
Sigma a posteriori:	0.0797	Å
Transformation model:	Bursa-Wolf	Å

No.	Parameter	Value	rms
1	Shift dX	-214.0622 m	49.0663 m
2	Shift dY	-68.9767 m	30.5291 m
3	Shift dZ	-518.5240 m	49.0698 m
4	Rotation about X	1.17840 "	1.02125 "
5	Rotation about Y	10.28451 "	2.06454 "
6	Rotation about Z	-13.86373 "	0.85190 "
7	Scale	-34.8628Å ppm	3.9562Å ppm

Residuals

Cartesian:

		\hat{A}			
System A	System B	Point type	$dX\hat{A}$ [m]	$dY\hat{A}$ [m]	$dZ\hat{A}$ [m]
12-2-93-Z0	12-2-93-Z0	Position + height	0.0243 m	0.0918 m	0.0368 m
19-2-90-S0	19-2-90-S0	Position + height	0.0074 m	-0.0764 m	-0.0631 m
19-3-161-S0	19-3-161-S0	Position + height	-0.0799 m	-0.0307 m	-0.0121 m
19-3-189-Z0	19-3-189-Z0	Position + height	0.0483 m	0.0152 m	0.0385 m

Grid:

		\hat{A}			
System A	System B	Point type	$dE\hat{A}$ [m]	$dN\hat{A}$ [m]	$dHgt\hat{A}$ [m]
12-2-93-Z0	12-2-93-Z0	Position + height	0.0822 m	-0.0093 m	0.0595 m
19-2-90-S0	19-2-90-S0	Position + height	-0.0756 m	-0.0339 m	-0.0548 m
19-3-161-S0	19-3-161-S0	Position + height	-0.0088 m	0.0535 m	-0.0674 m
19-3-189-Z0	19-3-189-Z0	Position + height	0.0022 m	-0.0103 m	0.0627 m

List of identical points

System A:

WGS 84 Cartesian:

\hat{A}	$X\hat{A}$ [m]	$Y\hat{A}$ [m]	$Z\hat{A}$ [m]
12-2-93-Z0	4237466.5481	1159632.7265	4609643.0155
19-2-90-S0	4233008.4563	1154270.2308	4615172.0511
19-3-161-S0	4243228.9997	1142930.9515	4608298.5511
19-3-189-Z0	4239977.6330	1136984.9780	4612954.6711

System B:

Local Grid:

\hat{A}	Easting \hat{A} [m]	Northing \hat{A} [m]	Hgt \hat{A} [m]
12-2-93-Z0	523744.5600	158363.2800	911.6200
19-2-90-S0	519719.2900	166297.0600	1003.5500
19-3-161-S0	506125.5400	156535.8100	750.3600
19-3-189-Z0	501224.6500	163133.1800	913.2000