

DOKUMENTASJON UTJEVNINGSBEREGNINGER

ADMINISTRATIVE DATA
Oppdrag : FV 6312 INN

GJENNOMSNIITTSPARAMETRE
Geoidehøyde [m] : 40.000
Rotasjon [gon] : 0.00000
Målestokk [m/km] : 0.000
Nordlig loddavvik [gon] : 0.00000
Østlig loddavvik [gon] : 0.00000

DATUMPARAMETRE
System : EUREF89 - SONE 32
Akse / Sone : 32
Lang halvakse [m] : 6378137.000
Flattrykning [1/f] : 298.2572221010000
Tangeringsmeridian [deg] : 9.0000000000000
Skalafaktor : 0.999600
Addisjonskonst. nord [m] : 0.000
Addisjonskonst. øst [m] : 500000.000
Rotasjon [deg] : 0.000000
Vertikaldatum : NN2000

INSTRUMENTPARAMETRE
INSTRUMENT : 61: CPOS
Std.avvik Konstantdel Avstandsavhengig
Standardavvik grunnriss: 0.0200 m
Standardavvik høyde : 0.0300 m
Sentrering Grunnriss : 0.0010 m
Sentrering Høyde : 0.0020 m

YTRE PÅLITELIGHET

DATUM: EUREF89 - SONE 32

UTJEVNING I GRUNNRIS

TVUNGEN UTJEVNING

GITTE KOORDINATER [meter]

PUNKT	N	E	H
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NYBESTEMTE KOORDINATER MED MIDLERE FEIL [meter]

PUNKT	N	E	H	sN	sE	sH
1	7118410.506	563207.807		0.005	0.002	
2	7118419.092	563239.664		0.004	0.002	
3	7118413.509	563245.933		0.004	0.002	
4	7118427.840	563269.234		0.004	0.002	
5	7118439.212	563327.610		0.005	0.002	
6	7118457.532	563389.639		0.005	0.002	
7	7118469.956	563419.328		0.004	0.002	
8	7118473.496	563430.792		0.005	0.002	
9	7118470.656	563445.374		0.005	0.002	
10	7118477.076	563454.341		0.004	0.002	
11	7118487.733	563481.021		0.005	0.002	
12	7118494.999	563478.545		0.007	0.003	
13	7118505.964	563514.309		0.006	0.003	
14	7118510.514	563525.567		0.005	0.002	
15	7118517.049	563537.927		0.006	0.003	
16	7118523.513	563545.544		0.006	0.003	
17	7118540.199	563562.354		0.009	0.004	
18	7118552.644	563592.965		0.006	0.003	
19	7118566.250	563595.383		0.009	0.004	
20	7118586.319	563585.590		0.013	0.006	
21	7118589.825	563573.775		0.012	0.005	
22	7118588.914	563565.507		0.013	0.005	
23	7118595.348	563541.482		0.008	0.003	
24	7118571.441	563528.522		0.005	0.003	
25	7118559.213	563510.658		0.006	0.003	

26	7118550.620	563492.469	0.006	0.003
27	7118542.566	563479.372	0.005	0.003
28	7118531.424	563472.256	0.005	0.003
29	7118515.424	563440.252	0.005	0.002
30	7118506.911	563428.939	0.004	0.002
31A	7118495.384	563379.280	0.005	0.002
32A	7118489.834	563364.467	0.005	0.003
33A	7118465.412	563292.029	0.005	0.003
34	7118467.105	563272.273	0.004	0.002
35	7118454.852	563225.280	0.005	0.003
36	7118436.270	563212.278	0.004	0.003
37	7118426.523	563186.604	0.005	0.003
38	7119137.375	563861.228	0.006	0.003
39	7119101.356	563858.642	0.005	0.003
40	7119066.011	563838.903	0.005	0.002
41	7119050.983	563816.117	0.005	0.003
42	7119026.674	563807.327	0.005	0.003
43	7118967.830	563861.074	0.004	0.002
44	7118975.900	563871.401	0.005	0.003
45	7118999.052	563876.574	0.005	0.003
46	7119043.912	563886.075	0.006	0.003
47	7119078.846	563891.759	0.008	0.004
48	7119118.458	563900.816	0.005	0.003
49	7119139.853	563907.210	0.005	0.003
50	7119190.712	563924.092	0.005	0.003
51	7119243.886	563930.004	0.006	0.003
52	7119302.838	563919.590	0.006	0.003
53	7119339.213	563910.836	0.005	0.003
54	7119383.728	563893.207	0.006	0.003
55	7119393.452	563890.974	0.005	0.003
56	7119424.604	563876.256	0.005	0.003
57	7119450.502	563856.289	0.006	0.003
58	7119511.710	563807.692	0.008	0.004
59	7119499.148	563783.418	0.006	0.003
60	7119465.313	563811.226	0.006	0.003
61	7119456.665	563817.714	0.005	0.003
62	7119420.209	563838.397	0.005	0.003
63	7119386.957	563867.696	0.005	0.003
64	7119371.916	563875.003	0.005	0.003
65	7119342.752	563882.684	0.005	0.003
66	7119331.158	563875.225	0.006	0.003
67	7119317.959	563876.538	0.005	0.002
68	7119304.039	563898.148	0.006	0.003
69	7119250.314	563903.600	0.005	0.003
70	7119227.770	563889.962	0.005	0.003
71	7119179.100	563875.949	0.006	0.003
72	7119146.422	563863.276	0.005	0.003
GGM	7118398.132	563169.210	0.006	0.003
GGM2	7118434.533	563302.082	0.004	0.002
GGM3	7118448.578	563359.206	0.005	0.002
GGM4	7119482.962	563797.544	0.006	0.003

YTRE PÅLITELIGHET - KOORDINATER [meter]

KOORDINAT	Observasjon....[meter/gon]			Indre pål.	Ytre pål.
P 1	1	2	X	-0.022	0.012
P 2	2	2	X	0.022	0.011
P 3	3	1	X	-0.020	0.013
P 4	4	2	Y	0.019	0.010
P 5	5	2	X	-0.019	0.010
P 6	6	2	X	-0.023	0.012
P 7	7	1	X	-0.018	0.009
P 8	8	1	X	-0.033	0.017
P 9	9	1	X	0.019	0.010
P 10	10	2	X	0.020	0.010
P 11	11	1	X	0.022	0.011
P 12	12	1	X	-0.030	0.016
P 13	13	1	X	-0.026	0.013
P 14	14	1	X	-0.025	0.013
P 15	15	2	X	-0.031	0.016
P 16	16	2	X	0.028	0.014
P 17	17	2	X	-0.037	0.023
P 18	18	2	X	0.025	0.013
P 19	19	1	X	0.038	0.020
P 20	20	2	X	0.057	0.035
P 21	21	2	X	0.055	0.031
P 22	22	2	X	0.057	0.034
P 23	23	2	X	-0.040	0.023
P 24	24	1	X	-0.021	0.011

P 25	25	2	X	-0.027	0.014
P 26	26	1	X	0.024	0.013
P 27	27	2	X	0.024	0.014
P 28	28	2	Y	0.034	0.019
P 29	29	2	X	-0.024	0.014
P 30	30	2	X	-0.027	0.014
P 31A	31A	1	X	-0.028	0.015
P 32A	32A	2	X	-0.027	0.015
P 33A	33A	2	X	0.025	0.013
P 34	34	2	X	0.019	0.011
P 35	35	1	X	0.026	0.014
P 36	36	2	X	-0.019	0.010
P 37	37	2	Y	-0.022	0.011
P 38	38	2	X	-0.022	0.011
P 39	39	1	X	-0.021	0.011
P 40	40	1	X	0.029	0.016
P 41	41	1	X	0.030	0.016
P 42	42	2	X	0.023	0.013
P 43	43	2	X	0.028	0.014
P 44	44	2	X	0.032	0.019
P 45	45	2	X	0.030	0.015
P 46	46	2	X	-0.038	0.019
P 47	47	1	X	0.033	0.016
P 48	48	2	X	-0.031	0.016
P 49	49	2	X	-0.025	0.013
P 50	50	2	X	0.023	0.013
P 51	51	1	X	0.040	0.022
P 52	52	1	X	-0.023	0.012
P 53	53	2	X	-0.028	0.016
P 54	54	1	X	-0.024	0.013
P 55	55	1	X	0.029	0.015
P 56	56	1	X	0.026	0.013
P 57	57	2	X	0.033	0.018
P 58	58	1	X	0.033	0.018
P 59	59	1	X	-0.048	0.027
P 60	60	2	X	-0.025	0.013
P 61	61	1	X	0.030	0.015
P 62	62	2	X	0.035	0.020
P 63	63	2	X	0.025	0.013
P 64	64	1	X	-0.021	0.011
P 65	65	2	X	-0.021	0.011
P 66	66	2	X	0.023	0.012
P 67	67	2	X	-0.023	0.012
P 68	68	1	X	-0.025	0.013
P 69	69	1	X	-0.026	0.014
P 70	70	2	X	0.032	0.017
P 71	71	1	X	0.028	0.015
P 72	72	2	X	0.023	0.012
P GGM	GGM	1	X	0.026	0.015
P GGM2	GGM2	1	X	-0.017	0.009
P GGM3	GGM3	2	X	-0.026	0.014
P GGM4	GGM4	2	X	-0.029	0.015

Normparametre:

Normtype : Stedfesting av matrikkelenhets- og råderettsgrenser
Normklasse : 2 : Tettbygd/utbyggingsområder (k= 100 mm)

Tabellverdi=1.98 (Student-t, f=151, alfa=0.0250)

STATISTIKK

Antall iterasjoner : 1

Antall observasjoner grunnrisskoordinater : 304

Antall observasjoner : 304

Antall ukjente grunnrisskoordinater : 152

Antall ukjente : 152

Antall overbestemmelser : 152

Antall korrelasjoner : 152

Feilkvadratsum : 172.86240419

Beregnet std.avvik på vektsevenheten 1.0664

Antatt std.avvik på vektsevenheten : 1.0000

GRATULERER, Alle punkt godtas av eiendomsnormen !