

DOKUMENTASJON UTJEVNINGSBEREGNINGER

ADMINISTRATIVE DATA

Oppdrag : FV 715 MARTINGAARD

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 GRUNNRISS

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
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1	7126330.577	579112.929		0.005	0.002	
2	7126300.751	579133.458		0.007	0.004	
3	7126291.712	579133.861		0.007	0.004	
4	7126279.048	579141.337		0.005	0.003	
5	7126261.505	579148.382		0.005	0.003	
6	7126249.146	579151.747		0.005	0.003	
7	7126216.473	579157.585		0.006	0.003	
8	7126189.583	579160.945		0.005	0.003	
9	7126159.870	579163.144		0.005	0.003	
10	7126143.307	579163.377		0.005	0.003	
11	7126129.729	579163.442		0.005	0.002	
12	7126102.878	579161.769		0.006	0.003	
13	7126099.289	579167.352		0.005	0.003	
14	7126090.520	579167.281		0.005	0.003	
15	7126075.793	579166.737		0.005	0.003	
16	7126071.973	579165.724		0.005	0.003	
17	7126044.685	579166.977		0.005	0.003	
18	7126018.723	579170.393		0.005	0.003	
19	7125997.966	579174.635		0.004	0.003	
20	7125967.698	579183.425		0.005	0.003	
21	7125948.678	579189.073		0.004	0.002	
22	7125934.363	579193.489		0.005	0.003	
23	7125919.286	579197.746		0.005	0.003	
24	7125913.488	579200.447		0.005	0.003	
25	7125913.979	579201.708		0.005	0.003	

26	7125905.394	579205.543	0.005	0.003
27	7125891.009	579210.274	0.004	0.003
28	7125875.036	579215.364	0.005	0.003
29	7125880.478	579226.798	0.005	0.003
30	7125891.639	579222.429	0.005	0.003
31	7125909.704	579218.239	0.005	0.003
32	7125928.453	579215.251	0.005	0.003
33	7125942.527	579212.825	0.005	0.003
34	7125946.436	579211.148	0.005	0.003
35	7125952.607	579204.536	0.005	0.003
36	7125962.329	579199.875	0.004	0.003
37	7125968.651	579197.842	0.005	0.003
38	7125974.157	579194.201	0.004	0.003
39	7125998.501	579187.385	0.005	0.003
40	7126007.874	579186.679	0.005	0.003
41	7126032.383	579183.463	0.005	0.003
42	7126042.985	579180.867	0.004	0.002
43	7126067.628	579178.258	0.004	0.003
44	7126098.845	579179.102	0.005	0.003
45	7126111.652	579179.690	0.005	0.003
46	7126123.434	579180.123	0.005	0.003
47	7126143.536	579180.519	0.005	0.003
48	7126167.717	579179.872	0.008	0.005
49	7126191.709	579177.925	0.009	0.006
50	7126215.333	579176.217	0.013	0.009
51	7126241.360	579172.691	0.016	0.010
52	7126270.041	579165.437	0.013	0.011
53	7126298.636	579153.721	0.010	0.007
54	7126328.326	579135.193	0.008	0.006
55	7126341.714	579125.046	0.005	0.003
56	7126348.198	579119.292	0.005	0.003
57	7126361.425	579110.235	0.005	0.003

YTRE PÅLITELIGHET - KOORDINATER [meter]

KOORDINAT	Observasjon....[meter/gon]			Indre pål.	Ytre pål.
P 1	1	1	X	-0.023	0.011
P 2	2	2	X	-0.044	0.024
P 3	3	2	X	0.029	0.016
P 4	4	2	X	-0.023	0.013
P 5	5	2	X	-0.036	0.019
P 6	6	1	Y	0.026	0.013
P 7	7	2	X	0.025	0.013
P 8	8	2	X	-0.031	0.016
P 9	9	1	X	0.024	0.012
P 10	10	2	X	0.029	0.016
P 11	11	1	X	0.033	0.018
P 12	12	1	X	0.040	0.024
P 13	13	2	X	-0.032	0.019
P 14	14	2	X	-0.030	0.015
P 15	15	2	X	0.031	0.016
P 16	16	2	X	0.025	0.013
P 17	17	2	X	-0.024	0.013
P 18	18	2	X	0.028	0.014
P 19	19	2	X	0.023	0.012
P 20	20	1	Y	-0.022	0.012
P 21	21	2	X	-0.019	0.010
P 22	22	2	X	-0.030	0.016
P 23	23	1	X	0.020	0.011
P 24	24	1	X	0.025	0.013
P 25	25	1	X	-0.031	0.016
P 26	26	2	Y	-0.020	0.010
P 27	27	2	X	0.025	0.014
P 28	28	1	X	-0.022	0.012
P 29	29	2	X	-0.024	0.012
P 30	30	2	X	0.022	0.012
P 31	31	2	Y	-0.025	0.013
P 32	32	2	X	-0.030	0.017
P 33	33	2	Y	0.028	0.014
P 34	34	2	X	0.019	0.010
P 35	35	2	X	-0.022	0.012
P 36	36	2	X	-0.027	0.016
P 37	37	2	X	0.025	0.013
P 38	38	2	X	-0.020	0.011
P 39	39	2	X	-0.023	0.014
P 40	40	2	X	-0.029	0.017
P 41	41	2	X	-0.023	0.012
P 42	42	1	X	0.019	0.010
P 43	43	2	X	0.019	0.010

P 44	44	1	X	0.022	0.012
P 45	45	1	X	0.030	0.017
P 46	46	2	X	0.026	0.013
P 47	47	1	X	-0.021	0.011
P 48	48	2	Y	-0.041	0.032
P 49	49	2	X	0.047	0.025
P 50	50	2	X	0.056	0.033
P 51	51	2	X	0.079	0.049
P 52	52	1	Y	-0.050	0.027
P 53	53	1	X	0.046	0.024
P 54	54	2	X	-0.041	0.025
P 55	55	1	X	0.031	0.015
P 56	56	2	X	0.032	0.018
P 57	57	1	X	0.027	0.014

Normparametre:

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

Tabellverdi=1.98 (Student-t, f=113, alfa=0.0250)

STATISTIKK

Antall iterasjoner	:	1
Antall observasjoner grunnrisskoordinater	:	228
Antall observasjoner	:	228
Antall ukjente grunnrisskoordinater	:	114
Antall ukjente	:	114
Antall overbestemmelser	:	114
Antall korrelasjoner	:	114
Feilkvadratsum	:	93.99648041
Beregnet std.avvik på vektsenheten	:	0.9080
Antatt std.avvik på vektsenheten	:	1.0000

GRATULERER, Alle punkt godtas av eiendomsnormen !