

DOKUMENTASJON UTJEVNINGSBEREGNINGER

ADMINISTRATIVE DATA

Oppdrag : TILLEGG 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 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	7070632.164	539664.716		0.005	0.004	
2	7070626.971	539648.019		0.004	0.003	
3	7070623.233	539638.881		0.004	0.003	
4	7070612.290	539630.825		0.005	0.004	
5	7070602.957	539632.905		0.006	0.004	
6	7070598.040	539635.478		0.005	0.004	
7	7070589.291	539622.755		0.004	0.003	
8	7070598.423	539613.008		0.005	0.004	
9	7070611.597	539589.285		0.005	0.004	
10	7070617.950	539572.175		0.004	0.003	
11	7070667.617	539606.106		0.005	0.003	
12	7070663.937	539609.052		0.004	0.003	
13	7070653.110	539622.538		0.005	0.003	
14	7070646.408	539637.439		0.005	0.004	
15	7070646.311	539645.082		0.006	0.004	
16	7070649.345	539657.559		0.005	0.004	
18	7096437.896	570400.570		0.004	0.003	
19	7096441.220	570419.223		0.004	0.002	
20	7096446.994	570435.921		0.004	0.002	
21	7096454.455	570451.515		0.004	0.003	
22	7096462.125	570460.259		0.006	0.004	
23	7096465.612	570463.962		0.004	0.003	
24	7096472.781	570469.739		0.006	0.003	
25	7096508.369	570491.060		0.005	0.003	
26	7096518.707	570497.555		0.005	0.003	

27	7096528.463	570503.734	0.004	0.003
28	7096541.741	570508.062	0.004	0.003
29	7096554.644	570516.475	0.004	0.003
30	7096568.160	570527.201	0.005	0.003
31	7096576.340	570533.792	0.006	0.003
32	7096589.112	570550.207	0.005	0.003
33	7096598.195	570563.811	0.005	0.003
34	7096610.579	570586.954	0.004	0.002
35	7096618.434	570581.705	0.004	0.003
36	7096611.804	570569.500	0.005	0.003
37	7096603.518	570553.299	0.005	0.003
38	7096591.414	570535.759	0.005	0.003
39	7096581.343	570522.588	0.005	0.003
40	7096574.031	570515.402	0.005	0.003
41	7096562.659	570507.729	0.006	0.003
42	7096544.702	570496.903	0.005	0.003
43	7096542.537	570493.709	0.005	0.003
44	7096539.298	570488.419	0.004	0.003
45	7096528.090	570488.065	0.004	0.002
46	7096500.356	570471.207	0.005	0.003
47	7096487.948	570463.183	0.005	0.003
48	7096481.816	570458.512	0.005	0.003
49	7096475.896	570449.633	0.006	0.003
50	7096468.186	570442.616	0.005	0.003
51	7096460.317	570431.518	0.007	0.003
52	7096455.338	570420.139	0.005	0.003
53	7096452.641	570410.979	0.005	0.003
54	7096450.526	570397.947	0.005	0.003
55	7096427.071	570333.236	0.005	0.003
56	7096427.630	570337.162	0.004	0.002
57	7096431.968	570355.252	0.006	0.003
58	7096435.897	570387.033	0.005	0.003
59	7096447.714	570385.142	0.005	0.003
60	7096442.563	570351.017	0.005	0.003
61	7096439.934	570332.540	0.005	0.002
100	7118617.300	569090.242	0.006	0.003
101	7118610.566	569098.405	0.007	0.004
102	7118603.204	569103.991	0.004	0.002
103	7118603.159	569114.655	0.005	0.003
104	7118587.948	569127.227	0.006	0.003
105	7118575.599	569125.577	0.008	0.004
106	7118563.443	569117.336	0.005	0.003
107	7118566.440	569109.325	0.005	0.003
108	7118570.836	569100.371	0.004	0.002
109	7118573.368	569095.922	0.005	0.003
110	7118576.248	569092.574	0.006	0.003
111	7118581.709	569090.902	0.006	0.003
112	7118587.337	569092.937	0.017	0.008
113	7118608.195	569076.962	0.005	0.003
114	7126179.446	569126.553	0.005	0.003
115	7126193.242	569127.976	0.006	0.003
116	7126212.213	569122.594	0.006	0.004
117	7126228.286	569130.640	0.004	0.002
118	7126237.708	569137.853	0.005	0.003
119	7126241.507	569142.333	0.008	0.005
120	7126251.855	569148.063	0.009	0.007
121	7126243.885	569161.601	0.007	0.004
122	7126211.347	569155.915	0.008	0.005
123	7126195.954	569158.348	0.007	0.004
124	7126181.681	569147.375	0.009	0.005
125	7126173.886	569144.937	0.007	0.005

YTRE PÅLITELIGHET - KOORDINATER [meter]

KOORDINAT	Observasjon....[meter/gon]			Indre pål.	Ytre pål.
P 1	1	2	X	-0.020	0.011
P 2	2	2	Y	-0.023	0.012
P 3	3	1	X	0.027	0.014
P 4	4	1	X	0.030	0.015
P 5	5	2	X	0.024	0.012
P 6	6	1	X	0.024	0.012
P 7	7	2	X	-0.024	0.014
P 8	8	2	Y	0.024	0.013
P 9	9	2	X	0.027	0.014
P 10	10	1	Y	0.022	0.011
P 11	11	2	X	-0.022	0.011
P 12	12	2	X	0.029	0.016
P 13	13	1	X	-0.022	0.012
P 14	14	2	X	0.028	0.014

P 15	15	2	X	-0.026	0.015
P 16	16	2	X	-0.025	0.013
P 18	18	2	X	-0.026	0.015
P 19	19	2	X	0.016	0.009
P 20	20	2	X	0.017	0.009
P 21	21	1	X	-0.026	0.014
P 22	22	2	X	-0.024	0.014
P 23	23	2	X	0.032	0.017
P 24	24	2	X	0.030	0.019
P 25	25	1	X	0.026	0.013
P 26	26	2	Y	-0.024	0.013
P 27	27	2	X	-0.017	0.009
P 28	28	2	Y	0.023	0.012
P 29	29	1	X	0.026	0.013
P 30	30	2	X	-0.023	0.012
P 31	31	1	X	0.026	0.013
P 32	32	2	X	-0.027	0.014
P 33	33	2	X	-0.033	0.017
P 34	34	2	X	-0.020	0.011
P 35	35	2	X	0.027	0.014
P 36	36	1	X	0.024	0.013
P 37	37	2	X	0.027	0.015
P 38	38	2	X	0.025	0.013
P 39	39	2	Y	-0.024	0.013
P 40	40	1	X	0.027	0.014
P 41	41	2	X	0.025	0.013
P 42	42	2	X	0.025	0.014
P 43	43	2	X	-0.021	0.012
P 44	44	2	X	0.026	0.014
P 45	45	2	X	-0.028	0.014
P 46	46	1	X	-0.024	0.013
P 47	47	2	X	-0.026	0.014
P 48	48	1	X	-0.022	0.011
P 49	49	1	X	0.031	0.017
P 50	50	2	X	0.025	0.014
P 51	51	2	X	-0.034	0.028
P 52	52	2	X	-0.021	0.011
P 53	53	2	X	0.029	0.015
P 54	54	2	X	-0.024	0.013
P 55	55	2	X	-0.024	0.012
P 56	56	1	X	0.017	0.010
P 57	57	1	X	-0.027	0.014
P 58	58	2	X	-0.021	0.011
P 59	59	2	X	0.025	0.014
P 60	60	2	X	-0.022	0.012
P 61	61	1	X	-0.019	0.010
P 100	100	1	X	-0.024	0.012
P 101	101	2	X	0.036	0.020
P 102	102	2	Y	-0.028	0.016
P 103	103	1	X	0.046	0.027
P 104	104	1	X	-0.028	0.016
P 105	105	1	X	0.039	0.020
P 106	106	1	X	-0.020	0.010
P 107	107	2	X	0.028	0.014
P 108	108	2	X	-0.031	0.016
P 109	109	1	X	-0.025	0.013
P 110	110	2	X	0.025	0.013
P 111	111	2	X	-0.030	0.017
P 112	112	2	X	0.109	0.083
P 113	113	2	X	-0.029	0.015
P 114	114	2	X	-0.024	0.012
P 115	115	2	X	0.028	0.016
P 116	116	2	X	0.037	0.021
P 117	117	2	Y	-0.026	0.015
P 118	118	2	X	-0.030	0.017
P 119	119	2	X	-0.038	0.022
P 120	120	2	Y	0.040	0.022
P 121	121	2	X	0.056	0.029
P 122	122	2	X	0.033	0.017
P 123	123	2	Y	-0.028	0.016
P 124	124	2	X	-0.037	0.021
P 125	125	2	Y	-0.039	0.030

Normparametre:

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

Tabellverdi=1.97 (Student-t, f=171, alfa=0.0250)

STATISTIKK

Antall iterasjoner	:	1
Antall observasjoner grunnrisskoordinater	:	344
Antall observasjoner	:	344
Antall ukjente grunnrisskoordinater	:	172
Antall ukjente	:	172
Antall overbestemmelser	:	172
Antall korrelasjoner	:	172
Feilkvadratsum	:	123.20098275
Beregnet std.avvik på vektsenheten	:	0.8463
Antatt std.avvik på vektsenheten	:	1.0000

GRATULERER, Alle punkt godtas av eiendomsnormen !