

DOKUMENTASJON UTJEVNINGSBEREGNINGER

ADMINISTRATIVE DATA

Oppdrag : KROMMEN INN

GJENNOMSNITTSPARAMETRE

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	7126845.341	578923.333		0.004	0.002	
2	7126826.911	578924.740		0.004	0.002	
3	7126817.983	578925.291		0.005	0.002	
4	7126805.042	578920.320		0.005	0.003	
5	7126767.636	578909.963		0.005	0.002	
6	7126724.163	578892.901		0.004	0.002	
7	7126705.494	578884.992		0.005	0.003	
8	7126678.329	578885.683		0.004	0.002	
9	7126661.047	578886.138		0.004	0.002	
10	7126643.045	578884.601		0.004	0.002	
11	7126611.400	578882.471		0.005	0.002	
12	7126585.849	578884.127		0.004	0.002	
13	7126550.941	578893.463		0.004	0.002	
14	7126519.556	578907.136		0.005	0.003	
15	7126489.905	578924.422		0.005	0.003	
16	7126467.308	578942.790		0.004	0.002	
17	7126450.256	578962.154		0.004	0.002	
18	7126436.236	578982.983		0.007	0.004	
19	7126403.472	579035.726		0.005	0.003	
20	7126391.368	579054.071		0.006	0.003	
21	7126385.593	579056.929		0.005	0.003	
22	7126377.688	579063.365		0.006	0.002	
23	7126371.561	579077.275		0.005	0.002	
24	7126353.626	579094.125		0.006	0.003	
25	7126330.503	579112.232		0.006	0.003	

26	7126342.737	579123.995	0.006	0.003
27	7126362.173	579110.659	0.006	0.003
28	7126400.477	579071.502	0.005	0.002
29	7126423.187	579037.857	0.005	0.002
30	7126447.154	578998.713	0.005	0.003
31	7126465.966	578970.540	0.004	0.002
32	7126491.554	578946.031	0.005	0.002
33	7126524.003	578924.573	0.005	0.002
34	7126548.125	578913.398	0.005	0.002
35	7126589.713	578905.351	0.005	0.002
36	7126625.548	578907.094	0.005	0.002
37	7126664.437	578917.276	0.005	0.002
38	7126679.299	578925.859	0.005	0.002
39	7126695.778	578928.697	0.005	0.002
40	7126715.553	578926.559	0.005	0.002
41	7126731.315	578923.588	0.005	0.002
42	7126771.513	578933.932	0.005	0.002
43	7126806.534	578942.734	0.006	0.003
44	7126854.984	578944.021	0.005	0.002
45	7126879.797	578969.344	0.010	0.006
46	7126887.362	578982.501	0.004	0.002
47	7126931.876	578938.959	0.005	0.003
48	7126946.995	578910.138	0.004	0.002
49	7126973.676	578877.899	0.005	0.002
50	7126991.895	578856.721	0.005	0.003
51	7126996.039	578825.842	0.005	0.003
52	7127007.409	578806.856	0.006	0.003
53	7127039.474	578751.010	0.007	0.003
54	7127057.787	578726.677	0.006	0.003
55	7127066.749	578714.521	0.007	0.004
56	7127092.942	578661.021	0.006	0.003
57	7127067.578	578659.687	0.013	0.006
58	7127053.717	578681.016	0.011	0.006
59	7127023.101	578718.968	0.007	0.005
60	7126999.610	578751.172	0.006	0.003
61	7126968.214	578800.170	0.007	0.004
62	7126956.979	578823.945	0.005	0.003
63	7126936.865	578874.090	0.005	0.003
64	7126898.658	578910.667	0.005	0.003
65	7126889.114	578912.218	0.006	0.003
66	7126868.379	578916.088	0.005	0.003
67	7127147.361	578511.700	0.005	0.003
68	7127166.490	578490.006	0.005	0.003
69	7127191.862	578475.155	0.005	0.002
70	7127224.002	578458.246	0.005	0.003
71	7127235.157	578451.343	0.005	0.002
72	7127254.785	578429.459	0.008	0.004
73	7127299.479	578379.212	0.005	0.003
74	7127314.740	578365.070	0.006	0.003
75	7127328.878	578354.827	0.007	0.004
76	7127362.266	578326.816	0.005	0.003
77	7127354.364	578311.676	0.005	0.002
78	7127313.989	578346.217	0.010	0.005
79	7127305.509	578346.044	0.012	0.007
80	7127299.273	578359.208	0.008	0.004
81	7127241.126	578410.602	0.009	0.004
82	7127235.482	578408.384	0.010	0.006
83	7127234.676	578416.285	0.009	0.004
84	7127217.757	578435.176	0.007	0.004
85	7127195.750	578451.427	0.006	0.003
86	7127170.097	578458.481	0.006	0.003
87	7127163.514	578463.462	0.006	0.003
88	7127131.365	578503.284	0.016	0.005
89	7127121.770	578515.874	0.008	0.004
90	7127118.376	578532.417	0.005	0.003
91	7127094.043	578593.262	0.010	0.004
92	7127087.298	578612.326	0.006	0.003
93	7127106.898	578650.680	0.008	0.004
94	7127111.730	578649.530	0.005	0.002
95	7127110.368	578623.351	0.004	0.002
96	7127111.770	578610.671	0.004	0.002
97	7127114.782	578590.862	0.004	0.002
98	7127119.368	578575.577	0.004	0.002
99	7127125.014	578560.582	0.004	0.002
100	7127129.583	578552.777	0.004	0.002
GGM	7126386.874	579093.873	0.008	0.003
GGM3	7127375.206	578313.025	0.004	0.002

YTRE PÅLITELIGHET - KOORDINATER [meter]

KOORDINAT	Observasjon....[meter/gon]			Indre pål.	Ytre pål.
P 1	1	1	X	-0.018	0.011
P 2	2	1	X	-0.020	0.010
P 3	3	2	X	-0.026	0.013
P 4	4	2	X	-0.032	0.017
P 5	5	2	X	0.023	0.013
P 6	6	2	X	-0.020	0.010
P 7	7	2	X	-0.050	0.025
P 8	8	1	X	0.018	0.009
P 9	9	2	X	0.018	0.010
P 10	10	2	X	-0.021	0.013
P 11	11	2	X	-0.019	0.011
P 12	12	2	X	-0.019	0.010
P 13	13	1	X	0.029	0.015
P 14	14	2	X	-0.021	0.012
P 15	15	1	X	0.024	0.012
P 16	16	2	X	0.021	0.012
P 17	17	1	X	0.017	0.009
P 18	18	1	X	0.029	0.016
P 19	19	2	X	-0.030	0.015
P 20	20	2	X	-0.026	0.013
P 21	21	1	X	-0.025	0.013
P 22	22	1	X	0.043	0.022
P 23	23	1	X	-0.035	0.018
P 24	24	1	X	-0.029	0.015
P 25	25	1	X	0.027	0.016
P 26	26	1	X	0.033	0.019
P 27	27	2	X	-0.034	0.021
P 28	28	2	X	-0.028	0.016
P 29	29	1	X	0.023	0.012
P 30	30	1	X	-0.023	0.013
P 31	31	1	X	0.018	0.009
P 32	32	2	X	-0.022	0.011
P 33	33	2	X	-0.029	0.016
P 34	34	2	X	0.024	0.013
P 35	35	1	X	0.024	0.012
P 36	36	2	X	0.026	0.015
P 37	37	1	X	-0.021	0.011
P 38	38	2	X	-0.025	0.014
P 39	39	2	X	-0.024	0.013
P 40	40	1	X	0.024	0.013
P 41	41	2	X	-0.020	0.011
P 42	42	1	X	-0.028	0.016
P 43	43	1	X	0.024	0.014
P 44	44	1	X	-0.022	0.011
P 45	45	2	Y	-0.051	0.036
P 46	46	1	X	-0.020	0.011
P 47	47	2	X	0.023	0.013
P 48	48	1	X	0.026	0.014
P 49	49	2	X	0.022	0.012
P 50	50	1	X	0.029	0.015
P 51	51	1	X	0.030	0.017
P 52	52	2	X	-0.029	0.014
P 53	53	2	X	0.038	0.019
P 54	54	1	X	0.026	0.014
P 55	55	1	X	-0.035	0.018
P 56	56	2	X	-0.027	0.017
P 57	57	2	X	0.058	0.032
P 58	58	2	X	0.065	0.040
P 59	59	2	X	-0.030	0.017
P 60	60	1	X	0.042	0.024
P 61	61	1	X	0.029	0.015
P 62	62	1	X	0.031	0.016
P 63	63	1	X	0.033	0.017
P 64	64	1	X	0.021	0.011
P 65	65	2	X	-0.031	0.019
P 66	66	2	X	0.019	0.011
P 67	67	2	X	-0.031	0.016
P 68	68	1	X	0.031	0.016
P 69	69	2	X	0.018	0.009
P 70	70	2	X	-0.021	0.011
P 71	71	2	X	-0.026	0.013
P 72	72	1	X	-0.033	0.018
P 73	73	2	X	0.025	0.013
P 74	74	2	X	0.025	0.014
P 75	75	2	X	-0.034	0.019
P 76	76	2	X	0.024	0.012
P 77	77	2	X	0.023	0.013
P 78	78	2	X	0.052	0.029
P 79	79	1	X	0.053	0.027

P 80	80	2	X	-0.041	0.030
P 81	81	2	X	0.043	0.023
P 82	82	2	X	-0.060	0.040
P 83	83	2	X	0.044	0.030
P 84	84	1	X	-0.032	0.018
P 85	85	2	X	-0.027	0.014
P 86	86	2	X	0.040	0.020
P 87	87	2	X	-0.034	0.019
P 88	88	1	X	0.069	0.040
P 89	89	2	X	-0.037	0.021
P 90	90	2	X	0.026	0.014
P 91	91	2	X	-0.055	0.031
P 92	92	2	X	-0.028	0.015
P 93	93	1	X	-0.036	0.018
P 94	94	2	X	-0.033	0.019
P 95	95	2	X	-0.015	0.008
P 96	96	1	X	0.017	0.009
P 97	97	2	X	-0.024	0.013
P 98	98	2	X	0.023	0.012
P 99	99	2	X	0.021	0.011
P 100	100	2	X	0.021	0.011
P GGM	GGM	1	X	-0.032	0.016
P GGM3	GGM3	1	X	-0.018	0.009

Normparametre:

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

Tabellverdi=1.97 (Student-t, f=203, alfa=0.0250)

STATISTIKK

Antall iterasjoner	:	1
Antall observasjoner grunnrisskoordinater	:	408
Antall observasjoner	:	408
Antall ukjente grunnrisskoordinater	:	204
Antall ukjente	:	204
Antall overbestemmelser	:	204
Antall korrelasjoner	:	204
Feilkvadratsum	:	147.40860383
Beregnet std.avvik på vektsenheten	:	0.8501
Antatt std.avvik på vektsenheten	:	1.0000

GRATULERER, Alle punkt godtas av eiendomsnormen !

Advarsel:U-punkt uten sikt - punktet utelates.
Punkt: GGM2