

DOKUMENTASJON UTJEVNINGSBEREGNINGER

ADMINISTRATIVE DATA

Oppdrag : FV 710 KLAKKSDALEN 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] : 9.00000000000000
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

NYBESTEMTE KOORDINATER MED MIDLERE FEIL [meter]

PUNKT	N	E	H	sN	sE	sH

1	7070753.459	538082.076		0.004	0.002	
2	7070766.329	538053.399		0.004	0.002	
3	7070785.154	538005.755		0.006	0.004	
4	7070802.188	537961.449		0.004	0.002	
5	7070797.649	537943.014		0.004	0.002	
6	7070796.977	537912.972		0.006	0.004	
7	7070789.092	537891.969		0.006	0.004	
8	7070778.542	537864.120		0.004	0.002	
9	7070775.957	537856.401		0.004	0.002	
10	7070766.628	537831.620		0.004	0.002	
11	7070759.848	537810.528		0.004	0.003	
12	7070755.326	537791.680		0.006	0.004	
13	7070749.801	537756.033		0.004	0.003	
14	7070741.552	537735.857		0.006	0.004	
15	7070739.718	537711.869		0.009	0.005	
16	7070736.646	537798.210		0.004	0.003	
17	7070748.804	537833.824		0.005	0.003	
18	7070759.114	537863.507		0.004	0.003	
19	7070735.987	537797.820		0.005	0.003	
20	7070726.544	537774.059		0.004	0.003	
21	7070726.137	537742.388		0.007	0.004	
22	7070767.576	537887.360		0.006	0.004	
23	7070771.317	537908.164		0.004	0.003	
24	7070772.853	537934.731		0.004	0.003	
25	7070771.112	537952.901		0.005	0.003	

26	7070755.062	538002.127	0.004	0.003
27	7070743.988	538037.349	0.004	0.003
28	7070730.867	538070.823	0.004	0.003
29	7070712.207	538132.589	0.004	0.002
30	7070705.479	538182.855	0.004	0.003
31	7070702.045	538223.868	0.004	0.003
32	7070704.815	538268.476	0.006	0.004
33	7070706.387	538300.885	0.006	0.004
34	7070714.515	538327.586	0.004	0.003
35	7070734.477	538374.357	0.004	0.002
36	7070763.908	538425.286	0.004	0.002
37	7070762.841	538432.007	0.004	0.003
38	7070796.677	538473.145	0.004	0.002
39	7070814.660	538495.368	0.004	0.002
40	7070841.683	538545.211	0.004	0.003
41	7070854.872	538577.206	0.004	0.002
42	7070868.586	538623.298	0.004	0.002
43	7070873.114	538643.810	0.004	0.003
44	7070866.796	538691.146	0.004	0.002
45	7070848.118	538752.598	0.004	0.003
46	7070824.760	538797.473	0.004	0.002
47	7070811.386	538822.674	0.005	0.003
48	7070810.681	538826.672	0.005	0.003
49	7070805.369	538834.814	0.005	0.003
50	7070802.510	538837.966	0.004	0.002
51	7070798.795	538838.052	0.004	0.003
54	7070792.163	538842.239	0.004	0.002
55	7070770.320	538865.470	0.004	0.003
56	7070764.158	538869.074	0.004	0.003
57	7070746.204	538912.798	0.004	0.002
58	7070733.346	538950.901	0.004	0.003
59	7070729.790	538971.961	0.005	0.003
60	7070730.391	538998.949	0.004	0.003
61	7070716.075	539021.510	0.004	0.003
62	7070711.911	539049.813	0.004	0.003
63	7070733.278	539082.389	0.005	0.003
64	7070739.590	539122.847	0.005	0.003
65	7070749.682	539149.737	0.005	0.003
66	7070753.696	539167.643	0.004	0.002
67	7070754.189	539206.290	0.005	0.003
68	7070750.624	539244.850	0.004	0.002
69	7070745.871	539269.027	0.005	0.003
70	7070748.730	539269.984	0.005	0.002
71	7070743.203	539287.214	0.004	0.002
72	7070739.508	539299.551	0.011	0.006
73	7070723.692	539321.670	0.008	0.004
74	7070708.996	539338.141	0.006	0.003
75	7070697.387	539352.163	0.006	0.003
76	7070689.825	539361.646	0.005	0.003
77	7070737.042	539348.231	0.005	0.003
78	7070746.034	539327.366	0.006	0.003
79	7070749.668	539316.239	0.006	0.003
80	7070754.932	539303.968	0.005	0.003
81	7070758.636	539294.972	0.004	0.003
82	7070763.807	539296.940	0.013	0.007
83	7070784.577	539276.078	0.005	0.003
84	7070794.561	539208.071	0.004	0.003
85	7070786.572	539182.470	0.004	0.003
86	7070773.710	539107.994	0.004	0.002
87	7070777.895	539025.703	0.005	0.003
88	7070769.685	539007.894	0.004	0.002
89	7070768.306	538946.576	0.004	0.003
90	7070805.126	538883.516	0.005	0.003
91	7070823.625	538875.654	0.006	0.003
92	7070861.559	538808.458	0.004	0.003
93	7070881.763	538769.891	0.005	0.003
94	7070902.214	538685.940	0.007	0.004
95	7070916.354	538629.023	0.010	0.006
96	7070892.997	538600.330	0.004	0.003
97	7070878.326	538544.488	0.004	0.002
98	7070835.066	538469.504	0.004	0.003
99	7070772.611	538388.433	0.004	0.003
100	7070751.591	538346.356	0.004	0.003
101	7070734.172	538301.592	0.004	0.003
102	7070724.348	538250.560	0.004	0.003
103	7070727.202	538181.535	0.004	0.003
104	7070735.710	538124.831	0.004	0.003

YTRE PÅLITELIGHET - KOORDINATER [meter]

KOORDINAT	Observasjon....[meter/gon]			Indrepål.	Ytre pål.
P 1	1	2	X	-0.016	0.008
P 2	2	1	X	-0.024	0.013
P 3	3	2	X	-0.029	0.017
P 4	4	1	X	0.023	0.011
P 5	5	1	Y	-0.017	0.009
P 6	6	2	X	0.033	0.017
P 7	7	2	X	0.030	0.017
P 8	8	1	X	-0.016	0.008
P 9	9	1	X	0.019	0.011
P 10	10	2	X	0.019	0.009
P 11	11	2	X	-0.018	0.010
P 12	12	1	X	-0.029	0.015
P 13	13	1	X	0.022	0.011
P 14	14	1	X	-0.030	0.016
P 15	15	1	X	-0.041	0.021
P 16	16	2	X	-0.020	0.011
P 17	17	2	X	0.027	0.014
P 18	18	2	Y	-0.021	0.011
P 19	19	2	X	0.021	0.012
P 20	20	1	Y	0.025	0.017
P 21	21	2	X	0.033	0.017
P 22	22	1	X	-0.030	0.016
P 23	23	2	X	-0.017	0.010
P 24	24	2	X	-0.021	0.011
P 25	25	1	X	0.019	0.010
P 26	26	1	Y	-0.035	0.018
P 27	27	2	X	0.025	0.014
P 28	28	2	X	-0.025	0.014
P 29	29	2	X	0.021	0.012
P 30	30	1	X	-0.017	0.010
P 31	31	2	X	0.021	0.012
P 32	32	2	X	0.028	0.015
P 33	33	2	Y	0.038	0.020
P 34	34	1	X	-0.017	0.009
P 35	35	2	X	0.022	0.012
P 36	36	2	X	0.017	0.009
P 37	37	1	X	0.020	0.010
P 38	38	1	X	0.023	0.012
P 39	39	2	Y	0.019	0.011
P 40	40	2	X	-0.017	0.010
P 41	41	1	X	0.031	0.017
P 42	42	2	X	-0.019	0.011
P 43	43	2	X	0.025	0.014
P 44	44	2	X	-0.017	0.008
P 45	45	1	X	-0.040	0.020
P 46	46	1	X	-0.023	0.012
P 47	47	1	Y	0.029	0.016
P 48	48	2	X	0.019	0.010
P 49	49	1	X	0.020	0.011
P 50	50	1	X	-0.019	0.010
P 51	51	1	X	0.023	0.012
P 54	54	2	X	0.020	0.010
P 55	55	2	X	0.017	0.010
P 56	56	1	X	-0.027	0.014
P 57	57	2	X	0.018	0.010
P 58	58	2	X	-0.031	0.017
P 59	59	1	X	0.025	0.014
P 60	60	1	X	0.018	0.009
P 61	61	1	X	0.032	0.016
P 62	62	1	X	0.022	0.014
P 63	63	2	X	-0.024	0.013
P 64	64	2	X	0.028	0.015
P 65	65	2	X	0.023	0.012
P 66	66	2	X	-0.029	0.016
P 67	67	2	X	0.021	0.012
P 68	68	1	X	0.019	0.010
P 69	69	1	X	-0.023	0.012
P 70	70	2	X	0.021	0.010
P 71	71	2	X	0.024	0.013
P 72	72	1	X	0.046	0.023
P 73	73	1	X	0.033	0.017
P 74	74	1	X	-0.025	0.013
P 75	75	2	X	-0.027	0.015
P 76	76	2	X	0.024	0.013
P 77	77	2	X	-0.034	0.017
P 78	78	2	X	0.027	0.013
P 79	79	2	X	-0.028	0.017
P 80	80	1	X	-0.023	0.012
P 81	81	2	X	0.019	0.010

P 82	82	2	X	0.061	0.033
P 83	83	2	X	0.022	0.012
P 84	84	2	X	-0.023	0.013
P 85	85	1	X	-0.018	0.009
P 86	86	1	X	0.016	0.009
P 87	87	2	X	-0.018	0.009
P 88	88	2	X	0.021	0.013
P 89	89	2	Y	0.024	0.013
P 90	90	1	Y	0.023	0.012
P 91	91	2	X	-0.023	0.012
P 92	92	2	X	-0.019	0.010
P 93	93	2	X	0.019	0.011
P 94	94	1	X	-0.047	0.025
P 95	95	1	X	0.043	0.023
P 96	96	2	X	-0.021	0.011
P 97	97	2	X	-0.016	0.008
P 98	98	1	X	-0.021	0.011
P 99	99	2	X	0.019	0.010
P 100	100	2	X	-0.019	0.010
P 101	101	1	X	-0.029	0.014
P 102	102	1	X	-0.023	0.013
P 103	103	2	X	-0.024	0.015
P 104	104	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	:	303.60309714
Beregnet std.avvik på vektsenheten	:	1.2199
Antatt std.avvik på vektsenheten	:	1.0000

GRATULERER, Alle punkt godtas av eiendomsnormen !

Advarsel:U-punkt uten sikt - punktet utelates.
 Punkt: 52

Advarsel:U-punkt uten sikt - punktet utelates.
 Punkt: 53