

DOKUMENTASJON UTJEVNINGSBEREGNINGER

ADMINISTRATIVE DATA

Oppdrag : FV710 STORKRUKTJONNA 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

NYBESTEMTE KOORDINATER MED MIDLERE FEIL [meter]

PUNKT	N	E	H	sN	sE	sH

1	7071513.712	541163.525		0.004	0.003	
2	7071604.499	541237.965		0.004	0.003	
3	7071646.007	541260.426		0.004	0.003	
4	7071717.711	541295.944		0.005	0.003	
5	7071799.119	541305.007		0.003	0.002	
6	7071889.900	541310.221		0.004	0.002	
7	7071926.269	541319.250		0.004	0.002	
8	7071964.231	541329.082		0.003	0.002	
9	7071999.681	541343.249		0.003	0.002	
10	7072052.068	541390.434		0.004	0.003	
11	7072086.200	541431.623		0.005	0.003	
12	7072121.357	541497.022		0.004	0.002	
13	7072130.868	541539.222		0.004	0.002	
14	7072117.196	541636.213		0.004	0.002	
15	7072116.458	541671.869		0.004	0.002	
16	7072147.443	541770.137		0.004	0.002	
17	7072166.701	541815.074		0.004	0.002	
18	7072208.428	541892.871		0.005	0.003	
19	7072226.650	541926.577		0.005	0.003	
20	7072246.576	541949.704		0.004	0.002	
21	7072264.722	541971.864		0.005	0.003	
22	7072328.172	542022.514		0.004	0.002	
23	7072370.842	542047.996		0.005	0.003	
24	7072390.101	542020.014		0.004	0.002	
25	7072311.110	541960.022		0.005	0.002	

26	7072276.711	541924.331	0.005	0.003
27	7072245.314	541886.348	0.005	0.002
28	7072217.987	541848.290	0.005	0.002
29	7072192.121	541796.173	0.006	0.003
30	7072173.008	541724.175	0.004	0.002
31	7072169.359	541649.976	0.005	0.003
32	7072170.330	541591.121	0.004	0.002
33	7072162.752	541509.123	0.004	0.002
34	7072134.642	541433.861	0.004	0.002
37	7072091.032	541358.596	0.004	0.002
38	7072071.738	541342.912	0.004	0.002
39	7072042.906	541332.797	0.004	0.002
40	7072002.784	541292.220	0.004	0.002
41	7071963.704	541277.799	0.004	0.002
42	7071911.415	541275.527	0.004	0.002
43	7071833.576	541278.036	0.004	0.002
44	7071749.009	541270.257	0.004	0.002
45	7071692.752	541256.145	0.004	0.002
46	7071633.180	541228.936	0.004	0.002
47	7071559.365	541175.175	0.003	0.002
48	7071511.218	541135.217	0.004	0.002
49	7072437.037	542098.821	0.005	0.002
50	7072485.108	542147.756	0.005	0.002
51	7072516.077	542179.975	0.005	0.003
52	7072547.151	542214.201	0.006	0.003
53	7072571.308	542245.039	0.005	0.003
54	7072609.246	542276.906	0.005	0.002
55	7072641.740	542292.831	0.005	0.002
56	7072711.567	542322.532	0.004	0.002
57	7072756.824	542337.362	0.006	0.003
58	7072800.883	542347.267	0.005	0.002
59	7072823.764	542353.373	0.004	0.002
60	7072892.269	542376.500	0.004	0.002
61	7072913.893	542386.367	0.004	0.002
62	7072966.498	542415.965	0.004	0.002
63	7073008.354	542457.637	0.004	0.002
64	7073022.036	542476.487	0.004	0.002
65	7073050.852	542514.118	0.005	0.002
66	7073089.430	542567.910	0.004	0.002
67	7073126.645	542620.493	0.004	0.002
68	7073149.792	542607.973	0.004	0.002
69	7073088.002	542517.330	0.004	0.002
70	7073048.698	542454.501	0.003	0.002
71	7073023.604	542422.511	0.004	0.002
72	7073008.042	542390.671	0.004	0.002
73	7072970.215	542347.485	0.004	0.002
74	7072923.162	542297.628	0.004	0.002
75	7072859.574	542284.082	0.005	0.003
76	7072767.910	542273.749	0.005	0.003
77	7072722.386	542277.714	0.004	0.003
78	7072696.961	542268.432	0.004	0.002
79	7072608.017	542217.095	0.005	0.003
80	7072583.329	542191.457	0.004	0.002
81	7072533.475	542142.938	0.004	0.003
82	7072430.702	542053.110	0.005	0.003
83	7072396.868	542024.524	0.006	0.004
L1	7072129.392	541424.128	0.004	0.002
L2	7072138.138	541410.874	0.004	0.002
L3	7072133.252	541399.656	0.005	0.002
L4	7072121.373	541394.623	0.004	0.002

YTRE PÅLITELIGHET - KOORDINATER [meter]

KOORDINAT	Observasjon....[meter/gon]			Indre pål.	Ytre pål.
P 1	1	1	X	0.020	0.010
P 2	2	1	X	-0.021	0.010
P 3	3	1	Y	0.018	0.009
P 4	4	1	X	0.019	0.010
P 5	5	2	X	0.023	0.012
P 6	6	2	X	0.023	0.013
P 7	7	1	X	0.017	0.009
P 8	8	1	X	0.019	0.009
P 9	9	2	X	0.018	0.009
P 10	10	1	X	-0.019	0.010
P 11	11	1	X	-0.029	0.020
P 12	12	1	X	0.020	0.010
P 13	13	1	X	-0.022	0.011
P 14	14	2	X	0.027	0.014
P 15	15	1	X	-0.020	0.010

P 16	16	2	X	0.018	0.010
P 17	17	1	X	-0.016	0.009
P 18	18	2	X	-0.027	0.014
P 19	19	1	X	0.020	0.011
P 20	20	2	X	0.021	0.011
P 21	21	2	X	0.026	0.013
P 22	22	2	X	-0.018	0.009
P 23	23	1	X	0.022	0.011
P 24	24	1	X	-0.020	0.011
P 25	25	1	X	-0.021	0.011
P 26	26	2	X	0.021	0.013
P 27	27	1	X	0.029	0.015
P 28	28	2	X	0.019	0.010
P 29	29	2	X	0.036	0.018
P 30	30	2	X	-0.021	0.012
P 31	31	2	X	0.028	0.015
P 32	32	1	X	-0.019	0.010
P 33	33	2	X	0.018	0.009
P 34	34	2	X	0.022	0.011
P 37	37	2	X	0.026	0.014
P 38	38	1	X	-0.018	0.010
P 39	39	1	X	0.018	0.009
P 40	40	1	X	-0.025	0.014
P 41	41	2	X	-0.019	0.010
P 42	42	1	X	0.027	0.014
P 43	43	2	X	-0.024	0.013
P 44	44	1	X	0.029	0.017
P 45	45	2	X	0.016	0.008
P 46	46	1	X	-0.016	0.008
P 47	47	1	X	-0.023	0.008
P 48	48	1	X	-0.023	0.012
P 49	49	2	X	0.023	0.013
P 50	50	1	X	-0.020	0.011
P 51	51	2	X	-0.022	0.011
P 52	52	1	X	0.029	0.014
P 53	53	1	X	-0.025	0.013
P 54	54	2	X	0.020	0.011
P 55	55	2	X	0.024	0.012
P 56	56	2	Y	-0.018	0.010
P 57	57	1	X	0.025	0.014
P 58	58	1	X	0.020	0.010
P 59	59	2	X	0.019	0.010
P 60	60	1	X	0.017	0.009
P 61	61	1	X	0.016	0.009
P 62	62	1	X	-0.020	0.011
P 63	63	2	X	0.045	0.025
P 64	64	2	X	-0.021	0.011
P 65	65	1	X	-0.018	0.010
P 66	66	1	X	-0.021	0.011
P 67	67	1	Y	-0.022	0.011
P 68	68	1	X	0.019	0.010
P 69	69	1	X	0.023	0.012
P 70	70	1	X	0.018	0.010
P 71	71	2	X	0.018	0.010
P 72	72	2	X	-0.020	0.010
P 73	73	2	X	-0.018	0.009
P 74	74	1	X	-0.017	0.009
P 75	75	1	X	0.036	0.019
P 76	76	2	X	-0.023	0.012
P 77	77	2	X	0.022	0.012
P 78	78	1	X	-0.024	0.013
P 79	79	1	X	0.019	0.010
P 80	80	1	X	0.022	0.011
P 81	81	2	X	-0.022	0.011
P 82	82	1	X	0.026	0.014
P 83	83	2	X	-0.047	0.036
P L1	L1	1	X	0.018	0.009
P L2	L2	1	X	0.021	0.011
P L3	L3	2	X	-0.021	0.012
P L4	L4	2	X	0.021	0.011

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	:	342
Antall observasjoner	:	342
Antall ukjente grunnrisskoordinater	:	170
Antall ukjente	:	170
Antall overbestemmelser	:	172
Antall korrelasjoner	:	171
Feilkvadratsum	:	189.35720948
Beregnet std.avvik på vektsenheten		1.0492
Antatt std.avvik på vektsenheten	:	1.0000

GRATULERER, Alle punkt godtas av eiendomsnormen !

Advarsel:U-punkt uten sikt - punktet utelates.
Punkt: 35

Advarsel:U-punkt uten sikt - punktet utelates.
Punkt: 36