

ΕΜΒΑΔΟΜΕΤΡΗΣΗ ΓΗΠΕΔΟΥ

Με τη βοήθεια των ορθογωνικών συντεταγμένων των κορυφών του

ΣΗΜΕΙΟ	X	Y	ΜΗΚΟΣ
1	300639.38	4225623.48	
2	300624.88	4225631.90	16.77
3	300611.77	4225639.02	14.92
4	300601.30	4225645.91	12.53
5	300592.16	4225655.27	13.08
6	300582.22	4225663.41	12.84
7	300575.92	4225670.76	9.68
8	300569.88	4225676.57	8.38
9	300563.07	4225679.72	7.50
10	300565.61	4225686.41	7.16
11	300565.62	4225691.61	5.20
12	300568.95	4225706.50	15.25
13	300580.35	4225700.74	12.77
14	300586.00	4225698.69	6.01
15	300591.27	4225695.52	6.15
16	300598.18	4225690.39	8.61
17	300600.57	4225687.67	3.62
18	300607.50	4225682.97	8.37
19	300614.28	4225683.14	6.78
20	300619.43	4225682.20	5.24
21	300621.28	4225682.40	1.85
22	300630.22	4225681.75	8.96
23	300632.33	4225682.10	2.14
24	300635.02	4225681.56	2.75
25	300638.41	4225681.51	3.39
26	300641.75	4225681.75	3.35
27	300647.05	4225680.82	5.38
28	300648.75	4225679.93	1.92
29	300648.35	4225676.71	3.25
30	300648.65	4225666.58	10.13
31	300649.00	4225655.60	10.99
32	300645.45	4225643.39	12.71
33	300641.09	4225629.09	14.95
1	300639.38	4225623.48	5.87

$$E = 1/2 \sum (X_i + X_{i+1})(Y_i - Y_{i+1})$$

$$E1 = 3498.70 \mu^2$$