

Υπολογισμοί Ταχυμετρικών Σημείων

(Μ.Μ. Αποστάσεων: Μέτρα Μ.Μ. Γωνιών: Grad)

Στάση: **S1** X: **546.213,1888** Y: **4.533.709,3875** Z: **2,6686** Ύψ.Οργ: **1,58**
 Στ. Προσ: **T1** X: **546.246,7020** Y: **4.533.541,8680** Γων.Προσ: **0,0000**

Σημείο	Ορ. Γων.	Κατ. Γων.	Ορ.Απόστ.	Ύψ.Στ.	Χ	Ψ	Z
152	226,1620	100,1200	86,8597	1,650	546.231,59	4.533.794,28	2,43
153	226,7734	100,0864	86,5209	1,650	546.232,33	4.533.793,76	2,48
154	228,9772	100,0954	86,2180	1,650	546.235,16	4.533.792,76	2,47
155	231,3824	100,0952	86,0131	1,650	546.238,24	4.533.791,67	2,47
156	234,5352	100,1066	86,2000	1,650	546.242,34	4.533.790,51	2,45
157	236,4490	100,3740	85,4659	2,570	546.244,50	4.533.788,91	1,17
158	236,0886	99,2684	52,7290	1,650	546.232,23	4.533.758,56	3,20
159	231,7342	100,1368	52,7314	1,650	546.228,82	4.533.759,75	2,48
160	228,0910	100,1000	53,3792	1,650	546.226,07	4.533.761,19	2,51
161	224,4790	100,1132	53,9210	1,650	546.223,22	4.533.762,37	2,50
162	223,2226	100,1130	54,2258	1,650	546.222,22	4.533.762,86	2,50
163	217,9634	99,9734	32,7059	1,650	546.215,96	4.533.741,98	2,61
164	219,7304	99,8266	32,4939	1,650	546.216,84	4.533.741,68	2,68
165	225,8644	99,6730	32,1727	1,650	546.219,86	4.533.740,86	2,76
166	232,6514	99,7860	31,8480	1,650	546.223,07	4.533.739,66	2,70
167	238,9520	98,3328	31,7534	1,650	546.225,97	4.533.738,45	3,43
168	260,4196	95,6628	14,9876	1,650	546.223,42	4.533.720,34	3,62
169	180,7442	100,3254	40,6704	2,000	546.193,69	4.533.745,08	2,04
170	148,5284	100,2110	55,0653	2,000	546.166,68	4.533.738,86	2,06
171	142,9770	100,2636	54,1565	2,000	546.165,09	4.533.734,28	2,02
172	111,2670	100,6408	56,1304	2,000	546.157,07	4.533.708,24	1,68
173	102,8458	100,9166	46,0892	2,000	546.167,64	4.533.702,37	1,58
174	92,1690	101,2748	35,7296	2,000	546.179,28	4.533.698,13	1,53
175	81,6500	100,9400	48,7296	2,000	546.170,09	4.533.686,64	1,53
176	62,6168	100,8980	69,4814	2,000	546.164,02	4.533.660,29	1,27
177	58,7618	100,8842	68,6839	2,000	546.167,61	4.533.658,00	1,29
178	48,0466	100,5540	108,2268	1,750	546.155,95	4.533.617,53	1,55
179	43,5806	100,7768	107,0964	1,750	546.163,06	4.533.614,75	1,19
180	52,2764	100,3072	110,6058	2,000	546.148,59	4.533.619,61	1,71
181	49,5962	100,3692	110,3773	2,000	546.152,55	4.533.617,16	1,61
182	45,1274	100,3456	131,4734	2,000	546.148,84	4.533.594,74	1,53
183	42,7418	100,2900	130,9142	2,000	546.153,44	4.533.592,90	1,65
184	44,4958	100,3108	148,0914	2,000	546.142,00	4.533.579,53	1,52
185	45,7618	99,6496	145,9818	2,000	546.140,48	4.533.582,80	3,05
186	47,7532	99,2508	131,8551	2,000	546.143,97	4.533.597,16	3,80
187	49,9128	99,1822	116,8271	2,000	546.148,52	4.533.612,09	3,75
188	42,2568	100,3318	148,7209	2,000	546.146,32	4.533.576,55	1,47
189	41,6284	100,2230	175,0801	2,000	546.136,02	4.533.552,23	1,63
190	42,2672	100,1852	180,9333	2,000	546.131,81	4.533.547,79	1,72
191	40,5492	100,1464	201,7538	2,000	546.127,35	4.533.526,81	1,78
192	41,2904	100,0200	202,6650	2,000	546.124,83	4.533.527,00	2,18
193	42,7594	100,6144	192,4098	2,000	546.125,33	4.533.538,21	0,39

Στάση: **S10** X: **546.526,6933** Y: **4.534.764,4940** Z: **2,8386** Ύψ.Οργ: **1,53**
 Στ. Προσ: **S9** X: **546.500,7922** Y: **4.534.659,2395** Γων.Προσ: **0,0000**

Σημείο	Ορ. Γων.	Κατ. Γων.	Ορ.Απόστ.	Ύψ.Στ.	Χ	Ψ	Z
530	336,0972	97,0806	6,7863	1,650	546.531,38	4.534.759,59	3,03
531	345,1384	95,7322	9,6617	1,650	546.532,31	4.534.756,63	3,37
532	326,9976	96,1892	9,3907	1,650	546.534,08	4.534.758,70	3,29
533	324,1884	96,2382	10,6115	1,650	546.535,32	4.534.758,32	3,35
534	333,1944	96,8960	12,3268	1,650	546.535,61	4.534.755,98	3,32
535	336,6798	97,2672	12,8054	1,650	546.535,45	4.534.755,15	3,27
536	340,1670	97,2192	13,2634	1,650	546.535,22	4.534.754,34	3,30
537	327,6862	104,1894	10,2859	1,650	546.534,72	4.534.758,06	2,04
538	302,2636	102,1954	19,5711	1,650	546.545,52	4.534.759,14	2,05
539	299,7752	100,3778	35,7321	2,570	546.561,42	4.534.756,08	1,59
540	289,1344	102,2656	29,5134	1,650	546.556,13	4.534.762,41	1,67
541	287,5294	101,2408	14,2920	1,650	546.540,97	4.534.763,85	2,44
542	279,1936	96,6360	9,4153	1,650	546.536,07	4.534.765,30	3,22
543	281,7862	97,7080	10,6561	1,650	546.537,34	4.534.764,97	3,11
544	270,0476	98,4424	12,4017	1,650	546.538,77	4.534.767,31	3,03
545	277,7520	104,2076	10,1790	1,650	546.536,81	4.534.765,59	2,05
546	261,4004	96,7298	9,7775	1,650	546.535,83	4.534.767,98	3,23
547	273,9790	96,9500	6,6419	1,650	546.533,24	4.534.765,60	3,04
548	227,3400	99,2266	21,8773	1,650	546.540,29	4.534.781,63	2,99
549	221,9930	98,8158	20,9216	1,650	546.538,28	4.534.781,92	3,11
550	212,6644	99,0724	20,0125	1,650	546.535,22	4.534.782,60	3,01
551	202,9036	99,4764	19,7040	1,650	546.532,27	4.534.783,39	2,88
552	198,0118	99,3368	20,0165	1,650	546.530,87	4.534.784,07	2,93
553	201,4874	99,5614	52,6573	1,650	546.540,47	4.534.815,32	3,09
554	203,1180	99,6442	52,5357	1,650	546.541,73	4.534.814,83	3,02
555	206,8072	99,4942	52,4709	1,650	546.544,60	4.534.813,82	3,14
556	210,5524	99,3294	52,7216	1,650	546.547,57	4.534.812,91	3,28
557	212,8350	99,5628	53,1631	1,650	546.549,48	4.534.812,53	3,09
558	209,1988	99,7456	86,0874	1,650	546.559,09	4.534.844,25	3,07
559	207,8392	99,5176	85,7588	1,650	546.557,26	4.534.844,62	3,37
560	205,5708	99,5818	85,7244	1,650	546.554,37	4.534.845,63	3,29
561	203,2836	99,6372	85,7259	1,650	546.551,44	4.534.846,57	3,21
562	202,2718	99,6460	86,3517	1,650	546.550,31	4.534.847,55	3,20

563	202,6266	99,7538	116,5480	1,650	546.559,19	4.534.876,42	3,17
564	203,3184	99,7540	116,7449	1,650	546.560,46	4.534.876,25	3,17
565	204,9782	99,7208	116,9176	1,650	546.563,41	4.534.875,50	3,24
566	206,6726	99,6318	117,2806	1,650	546.566,48	4.534.874,82	3,40
567	207,5814	99,7868	117,2959	1,650	546.568,05	4.534.874,26	3,12
568	229,5152	101,0392	23,1124	1,650	546.541,67	4.534.872,10	2,35
569	232,1556	99,3576	23,7680	1,650	546.542,83	4.534.781,94	2,96
570	236,3984	99,4220	24,8018	1,650	546.544,71	4.534.781,54	2,95
571	241,4128	100,1974	23,9910	2,570	546.545,36	4.534.779,56	1,73
572	228,9844	97,2362	29,3315	2,570	546.545,51	4.534.786,99	3,08
573	213,6672	99,3196	57,0666	2,570	546.551,82	4.534.815,73	2,41
574	215,0194	98,6352	57,1887	2,570	546.552,96	4.534.815,29	3,03
575	217,0278	98,1318	57,7088	2,570	546.554,80	4.534.814,89	3,50
576	217,8438	99,7114	58,4688	2,570	546.555,83	4.534.815,19	2,07
577	210,0556	99,5922	87,4238	2,570	546.560,68	4.534.845,04	2,36
578	210,9190	99,0944	87,8346	2,570	546.561,93	4.534.844,95	3,05
579	213,2086	99,0706	88,3389	2,570	546.565,02	4.534.844,09	3,09
580	214,2882	100,0270	88,8291	2,570	546.566,58	4.534.843,86	1,76
581	210,0520	99,1344	109,1735	2,570	546.569,13	4.534.865,08	3,29
582	211,0382	99,3242	116,3964	2,570	546.573,59	4.534.871,03	3,04
583	211,7990	99,9858	116,8837	2,570	546.575,06	4.534.870,90	1,83
584	209,0682	99,2604	117,0788	2,570	546.570,53	4.534.873,06	3,16
585	208,3352	99,6852	116,7903	2,570	546.569,17	4.534.873,29	2,38
586	214,4324	100,2448	142,3323	2,570	546.590,90	4.534.891,52	1,26
587	210,9574	100,0814	141,3346	2,570	546.583,47	4.534.893,92	1,62
588	213,2460	100,1002	109,4703	2,570	546.574,25	4.534.863,10	1,63
589	217,1820	100,1712	75,1829	2,570	546.564,18	4.534.829,66	1,60
590	227,4524	99,2200	71,8230	3,600	546.571,44	4.534.820,68	1,65
591	248,4958	100,6008	43,2441	2,570	546.563,15	4.534.787,75	1,39
592	236,8286	102,3304	33,8907	1,570	546.551,47	4.534.787,62	1,56
593	265,3204	103,2162	21,3019	1,570	546.547,02	4.534.770,86	1,73
594	278,2542	102,6152	31,1332	1,570	546.557,67	4.534.767,61	1,52
595	279,8332	103,1440	23,2031	1,570	546.549,83	4.534.766,24	1,66

Στάση: **S11** X: **546.567,8351** Y: **4.534.879,6229** Z: **3,3745** Ύψ.Οργ: **1,58**
 Στ. Προσ: **S10** X: **546.526,6933** Y: **4.534.764,4940** Γων.Προσ: **0,0000**

Σημείο	Ορ. Γων.	Κατ. Γων.	Ορ.Απόστ.	Ύψ.Στ.	Χ	Ψ	Z
596	182,4824	100,3854	31,0140	1,650	546.569,94	4.534.910,57	3,12
597	184,5934	100,331					

Η οικονομική σε χαρτί εκδοχή της Εκτύπωσης των ταχυμετρικών του παραδείγματος

642	206,5978	99,6856	123,5078	1,650	546.634,14	4.535.099,19	3,73
643	205,0136	99,7130	123,4860	1,650	546.631,22	4.535.100,16	3,68
644	203,3818	99,7468	123,1954	1,650	546.628,12	4.535.100,83	3,61
645	202,7084	99,7530	123,0175	1,650	546.626,82	4.535.101,02	3,60
646	208,0394	99,8344	125,0993	2,570	546.637,33	4.535.099,71	2,53
647	208,8274	99,4460	124,5252	2,570	546.638,56	4.535.098,62	3,28
648	210,1530	99,2718	124,7017	2,570	546.641,03	4.535.097,80	3,63
649	211,5730	99,9032	124,3498	2,570	546.643,44	4.535.096,38	2,39
650	212,0642	99,8324	124,4035	2,570	546.644,34	4.535.096,03	2,53
651	218,1552	100,0028	127,9796	2,570	546.656,70	4.535.093,69	2,19
652	226,0136	100,0342	97,7968	2,570	546.651,70	4.535.060,88	2,15
653	215,5292	99,8790	88,9969	2,570	546.634,02	4.535.061,68	2,37
654	214,7152	99,8922	89,0059	2,570	546.633,02	4.535.062,21	2,35
655	212,8066	98,9842	86,8838	2,570	546.629,72	4.535.061,46	3,59
656	211,0354	99,1962	86,8859	2,570	546.627,52	4.535.062,45	3,30
657	210,1122	99,7460	86,7582	2,570	546.626,31	4.535.062,83	2,55
658	237,1850	100,0016	63,3446	2,570	546.639,20	4.535.025,94	2,20
659	256,9274	100,2210	40,4288	2,570	546.629,41	4.534.999,99	2,06
660	270,3598	99,8650	19,2938	2,570	546.611,61	4.534.987,16	2,24
661	264,4744	99,3562	17,5006	2,570	546.609,42	4.534.988,31	2,38
662	262,0926	93,6892	14,9218	2,570	546.606,79	4.534.988,03	3,68
663	257,3240	95,6320	13,7255	2,570	546.605,27	4.534.988,56	3,14
664	255,0754	98,8702	12,4874	2,570	546.603,96	4.534.988,43	2,42

Στάση: **S13** X: **546.629,5217** Y: **4.535.104,4054** Z: **3,6423** Ύψ.Οργ: **1,57**
 Στ. Προσ: **S12** X: **546.592,8133** Y: **4.534.982,7995** Γων.Προσ: **0,0000**

Σημείο	Ορ. Γων.	Κατ. Γων.	Ορ.Απόστ.	Ύψ.Στ.	Χ	Ψ	Z
665	196,8084	99,8208	29,2421	1,650	546.636,56	4.535.132,79	3,64
666	199,5020	99,8438	29,4920	1,650	546.637,82	4.535.132,70	3,63
667	206,1340	99,6724	29,7146	1,650	546.640,81	4.535.131,89	3,71
668	212,6432	99,5438	30,1861	1,650	546.643,78	4.535.131,01	3,78
669	214,7796	99,9760	31,2884	1,650	546.645,21	4.535.131,47	3,57
670	207,2438	99,9376	63,4085	1,650	546.654,62	4.535.162,64	3,62
671	206,3282	99,7308	63,2700	1,650	546.653,73	4.535.162,86	3,83
672	203,2492	99,7900	63,4852	1,650	546.650,94	4.535.164,17	3,77
673	200,0868	99,8966	63,3035	1,650	546.647,90	4.535.164,98	3,66
674	198,7746	99,9642	62,6808	1,650	546.646,48	4.535.164,75	3,59
675	199,4626	99,8360	92,9493	1,650	546.655,63	4.535.193,61	3,80
676	200,6904	99,8308	93,2122	1,650	546.657,42	4.535.193,34	3,81
677	202,8034	99,7620	93,2928	1,650	546.660,39	4.535.192,44	3,91
678	204,8640	99,7088	93,3055	1,650	546.663,22	4.535.191,41	3,99
679	205,7866	99,7888	92,3643	1,650	546.664,13	4.535.190,04	3,87
680	206,0936	99,3564	122,3155	2,570	546.675,90	4.535.217,59	3,88
681	204,1472	99,5468	122,8014	1,650	546.672,59	4.535.219,41	4,43
682	202,5248	99,5834	122,5180	1,650	546.669,55	4.535.220,20	4,36
683	200,9196	99,6324	122,6126	1,650	546.666,65	4.535.221,26	4,27
684	200,3892	99,5822	129,1664	1,650	546.667,60	4.535.227,83	4,41
685	207,0732	99,7400	103,8647	2,570	546.670,38	4.535.199,90	3,06
686	207,9842	99,5114	100,2909	2,570	546.670,29	4.535.196,04	3,53

Στάση: **S14** X: **546.674,6783** Y: **4.535.226,7617** Z: **4,7640** Ύψ.Οργ: **1,55**
 Στ. Προσ: **S13** X: **546.629,5217** Y: **4.535.104,4054** Γων.Προσ: **0,0000**

Σημείο	Ορ. Γων.	Κατ. Γων.	Ορ.Απόστ.	Ύψ.Στ.	Χ	Ψ	Z
687	175,2022	95,1376	18,1014	1,650	546.674,03	4.535.244,85	6,05
688	170,1802	95,2570	22,0006	1,650	546.672,16	4.535.248,62	6,30
689	155,7286	96,6986	25,0650	1,650	546.666,28	4.535.250,38	5,96
690	140,4170	98,2640	28,1351	1,650	546.659,20	4.535.250,26	5,43
691	120,8176	99,5806	29,8373	1,650	546.651,49	4.535.245,54	4,86
692	95,5496	100,6514	30,6590	1,650	546.645,24	4.535.235,34	4,35
693	95,2324	101,0130	26,2070	1,650	546.649,48	4.535.233,97	4,24
694	66,5418	101,8014	35,0300	1,650	546.640,17	4.535.220,77	3,67
695	69,7830	101,6914	39,7003	1,650	546.635,27	4.535.221,97	3,60
696	98,0986	100,4976	35,1189	1,650	546.641,38	4.535.237,93	4,39
697	119,2748	99,6368	36,0851	1,650	546.646,09	4.535.248,78	4,87
698	123,6684	99,2394	41,2278	1,650	546.643,83	4.535.254,11	5,15
699	110,6282	99,6812	66,0367	1,650	546.617,39	4.535.259,60	4,99
700	102,8780	99,5382	91,8096	1,650	546.590,07	4.535.262,41	5,33
701	105,2820	99,4102	93,3394	1,650	546.590,09	4.535.266,22	5,53
702	113,5302	99,5644	68,4411	1,650	546.616,91	4.535.263,47	5,13
703	129,7180	98,9788	44,3609	1,650	546.644,43	4.535.259,21	5,37
704	177,4010	95,3906	27,5145	1,650	546.674,64	4.535.254,28	6,66
705	185,2104	94,8804	28,5927	1,650	546.678,14	4.535.255,14	6,97
706	185,8416	94,8656	30,5391	1,650	546.678,67	4.535.257,04	7,13
707	186,9382	95,7170	37,0612	1,650	546.680,16	4.535.263,42	7,16
708	192,5572	95,7408	37,1529	1,650	546.683,39	4.535.262,88	7,15
709	197,1608	95,7734	37,3876	1,650	546.686,05	4.535.262,38	7,15
710	198,2512	94,9526	30,9201	1,650	546.684,58	4.535.256,05	7,12
711	192,3908	94,8806	30,3802	1,650	546.681,72	4.535.256,31	7,11
712	200,7000	95,4386	28,9468	1,650	546.685,00	4.535.253,81	6,74
713	210,5052	94,3554	27,9514	2,570	546.688,53	4.535.251,04	6,23
714	208,0154	94,0722	29,9257	2,570	546.688,48	4.535.253,31	6,54
715	208,8416	94,1560	28,7617	2,570	546.688,28	4.535.252,11	6,39
716	213,4868	94,4632	29,5808	2,570	546.690,53	4.535.251,74	6,32
717	248,9202	98,1586	44,6028	2,570	546.714,86	4.535.246,11	5,03
718	265,2522	99,0660	71,3149	2,570	546.744,68	4.535.240,39	4,79
719	269,1976	99,1390	70,3545	2,570	546.744,44	4.535.235,90	4,69
720	273,8590	99,8436	71,8542	2,570	546.746,42	4.535.230,86	3,92

721	253,9966	98,2676	42,2867	2,570	546.714,12	4.535.242,02	4,89
722	257,2890	99,3084	41,3782	2,570	546.713,99	4.535.239,67	4,19
723	220,3712	95,5080	20,6010	2,570	546.687,53	4.535.242,86	5,20
724	218,7322	95,4358	21,6313	2,570	546.687,73	4.535.244,01	5,29
725	221,9380	96,5426	22,2000	2,570	546.688,95	4.535.243,77	4,95
726	207,8428	95,7054	22,2600	1,650	546.684,89	4.535.246,54	6,16
727	197,5806	94,7872	18,9562	1,650	546.680,56	4.535.244,78	6,22
728	189,9046	94,6522	23,2262	1,650	546.679,18	4.535.249,55	6,62
729	260,2456	102,9060	16,9181	1,650	546.690,98	4.535.231,29	3,89
730	236,8044	98,3666	23,8333	1,570	546.693,81	4.535.240,98	5,35
731	273,3400	101,4954	13,3104	1,570	546.687,96	4.535.227,63	4,43
732	319,7840	99,6608	19,5525	1,570	546.690,07	4.535.214,71	4,84
733	330,7388	99,4964	22,9918	3,600	546.690,09	4.535.209,70	2,89
734	374,5940	100,5824	33,1883	3,100	546.676,19	4.535.193,61	2,91
735	364,2218	101,4852	45,0670	2,570	546.684,00	4.535.182,67	2,69
736	379,8100	101,1922	33,2958	2,570	546.673,47	4.535.193,49	3,12
737	383,3034	99,9390	32,3546	2,570	546.671,73	4.535.194,54	4,05

Στάση: **S15** X: **546.679,0167** Y: **4.535.260,2005** Z: **7,2684** Ύψ.Οργ: **1,50**
 Στ. Προσ: **S14** X: **546.674,6783** Y: **4.535.226,7617** Γων.Προσ: **0,0000**

Σημείο	Ορ. Γων.	Κατ. Γων.	Ορ.Απόστ.	Ύψ.Στ.	Χ	Ψ	Z
738	115,6358	121,1954	3,7912	2,570	546.675,49	4.535.261,59	4,89
739	98,5626	120,6184	4,0020	2,570	546.675,04	4.535.260,63	4,86
740	72,4704	111,7604	5,6059	1,500	546.673,67	4.535.258,53	6,22
741	102,6802	105,2136	30,0657	1,500	546.649,39	4.535.265,32	4,80
742	104,3048	105,2874	29,8716	1,500	546.649,72	4.535.266,04	4,78
743	98,1536	101,0378	30,1548	2,000	546.649,01	4.535.263,21	6,28
744	304,5596	107,5288	11,0978	2,570	546.689,89	4.535.257,99	4,88
745	300,1384	107,6142	11,1794	2,570	546.690,10	4.535.258,74	4,86
746	289,6770	103,9030	14,2130	1,500	546.693,22	4.535.260,67	6,40
747	302,0682	104,3258	35,6144	1,500	546.714,17	4.535.254,47	4,85
748	297,9958	101,6318	36,0758	1,500	546.714,92	4.535.256,69	6,35
749	303,5126	104,3924	34,8948	1,500	546.713,32	4.535.253,81	4,86
750	307,7444	101,7046	35,1854	1,500	546.713,10	4.535.251,47	6,33
751	319,3528	99,2062	10,6792	2,570	546.688,71	4.535.255,72	6,33
752							

800	233,8196	96,5856	40,6953	1,650	546.711,71	4.535.335,58	9,97
801	261,5970	98,1472	18,6752	1,650	546.702,93	4.535.312,13	8,33
802	265,9270	98,4534	17,4384	1,650	546.702,30	4.535.310,50	8,21
803	269,8454	98,4736	18,7467	1,650	546.703,92	4.535.309,91	8,24
804	266,3022	97,9466	18,6854	1,650	546.703,50	4.535.310,87	8,39
805	323,2340	97,0694	2,7900	1,650	546.688,59	4.535.302,54	7,92
806	358,9382	99,4068	4,0203	1,650	546.688,08	4.535.300,38	7,82
807	383,8114	104,6196	2,2811	1,650	546.686,40	4.535.301,64	7,62
808	13,7096	104,3282	2,1831	1,650	546.685,38	4.535.301,87	7,64
809	62,4784	99,5274	2,9128	1,650	546.683,52	4.535.302,66	7,81
810	82,4728	99,9540	5,7179	1,650	546.680,49	4.535.303,18	7,79
811	79,4460	117,6872	3,2540	2,570	546.682,95	4.535.303,34	5,94
812	89,1632	111,1492	5,0103	2,570	546.681,15	4.535.303,80	5,98
813	90,2700	99,0036	11,1785	1,650	546.674,98	4.535.303,85	7,96
814	102,3984	98,1802	12,2664	1,650	546.674,10	4.535.306,17	8,14
815	39,8048	100,4992	10,0020	1,650	546.679,17	4.535.296,75	7,71
816	179,6938	96,1480	4,6867	1,650	546.685,36	4.535.308,53	8,07
817	149,8264	96,8708	6,8152	1,650	546.682,08	4.535.309,37	8,12
818	175,4412	96,8626	11,2911	1,650	546.683,49	4.535.314,88	8,34
819	195,7692	97,5576	10,7062	1,650	546.687,03	4.535.314,58	8,20
820	188,7136	97,6176	11,5057	1,650	546.685,82	4.535.315,41	8,22
821	173,5984	106,8262	5,5698	2,570	546.684,69	4.535.309,28	6,27
822	159,3334	105,9730	6,7556	2,570	546.682,97	4.535.309,87	6,23
823	313,3584	100,2750	27,0088	1,650	546.711,46	4.535.294,46	7,67
824	308,5662	100,3284	26,9087	1,650	546.712,00	4.535.296,41	7,65
825	307,9214	100,3010	56,5584	1,650	546.740,63	4.535.288,71	7,52
826	309,9340	101,7998	61,6176	0,050	546.744,95	4.535.285,48	7,64
827	309,7134	101,2934	87,9233	0,050	546.770,15	4.535.277,90	7,60
828	301,9952	100,4524	57,0884	1,650	546.742,33	4.535.293,74	7,38
829	298,8538	100,5984	52,7811	1,650	546.738,49	4.535.297,08	7,29
830	292,0722	100,1136	40,6089	1,650	546.726,76	4.535.302,97	7,71
831	271,6572	98,4974	37,5536	1,650	546.722,06	4.535.314,92	8,67
832	258,4488	97,9286	60,0360	1,650	546.738,70	4.535.332,95	9,74
833	253,1468	98,2094	85,5225	1,650	546.757,30	4.535.351,37	10,19
834	250,2816	97,5006	86,2535	2,570	546.755,69	4.535.354,95	10,26
835	251,0776	97,1936	76,0479	2,570	546.748,02	4.535.348,14	10,22
836	242,4508	99,0292	76,1370	0,050	546.741,54	4.535.356,16	10,55

Στάση: **S17** X: **546.787,2652** Y: **4.535.276,6383** Z: **7,5458** Ύψ.Οργ: **1,24**
 Στ. Πρσσ: **S16** X: **546.686,1571** Y: **4.535.303,9095** Γων.Πρσσ: **0,0000**

Σημείο	Ορ. Γων.	Κατ. Γων.	Ορ.Απόστ.	Ύψ.Στ.	Χ	Ψ	Z
837	375,8232	98,7408	23,8845	1,650	546.763,54	4.535.273,87	7,61
838	363,1938	99,0866	26,3685	1,650	546.762,19	4.535.268,48	7,52
839	358,9818	100,2860	27,7934	1,650	546.761,46	4.535.266,31	7,01
840	263,4512	99,7878	21,1171	1,650	546.793,72	4.535.256,53	7,21
841	258,7098	97,5954	18,9784	1,650	546.794,40	4.535.259,05	7,85
842	245,0700	96,4364	14,2753	1,650	546.795,32	4.535.264,85	7,94
843	220,6638	95,9964	11,3034	1,650	546.796,67	4.535.270,37	7,85
844	205,9520	98,4606	44,2976	1,650	546.828,77	4.535.261,16	8,21
845	203,7022	98,7306	77,5419	1,650	546.860,83	4.535.252,13	8,68
846	208,4152	98,6700	78,5028	1,650	546.859,70	4.535.246,38	8,78
847	214,6014	100,1156	69,4482	0,050	546.848,45	4.535.243,78	8,61

Στάση: **S18** X: **547.049,4958** Y: **4.535.187,2904** Z: **11,7055** Ύψ.Οργ: **1,51**
 Στ. Πρσσ: **T4** X: **546.922,6680** Y: **4.535.220,6870** Γων.Πρσσ: **0,0000**

Σημείο	Ορ. Γων.	Κατ. Γων.	Ορ.Απόστ.	Ύψ.Στ.	Χ	Ψ	Z
871	178,9022	99,8842	35,3549	1,650	547.084,75	4.535.189,90	11,63
872	188,7008	99,8666	66,9811	1,650	547.116,26	4.535.181,94	11,71
873	191,2292	99,8622	100,0907	1,650	547.148,87	4.535.175,34	11,79
874	191,9056	99,8718	134,0771	1,650	547.182,44	4.535.169,87	11,84
875	194,5690	99,7232	133,4603	1,650	547.180,98	4.535.164,43	12,15
876	198,8386	99,4328	72,2904	1,650	547.119,73	4.535.170,16	12,21
877	193,9622	99,7002	73,4320	1,650	547.121,96	4.535.175,40	11,92

Στάση: **S19** X: **547.180,6838** Y: **4.535.159,0563** Z: **12,4701** Ύψ.Οργ: **1,54**
 Στ. Πρσσ: **S18** X: **547.049,4958** Y: **4.535.187,2904** Γων.Πρσσ: **0,0000**

Σημείο	Ορ. Γων.	Κατ. Γων.	Ορ.Απόστ.	Ύψ.Στ.	Χ	Ψ	Z
878	178,1008	100,5346	42,8606	1,650	547.223,17	4.535.164,70	12,00
879	183,8054	100,2044	74,7050	1,650	547.255,32	4.535.162,22	12,12
880	185,2880	100,0972	107,0423	1,650	547.287,71	4.535.161,10	12,20
881	185,5086	99,9620	139,3884	1,650	547.320,06	4.535.161,24	12,45
882	187,9026	99,8416	140,0887	1,650	547.320,74	4.535.155,98	12,71
883	192,8054	99,6146	79,7990	1,650	547.260,09	4.535.151,17	12,85
884	188,4978	99,9130	79,5505	1,650	547.260,20	4.535.156,57	12,47

Στάση: **S2** X: **546.232,9329** Y: **4.533.795,0307** Z: **2,4681** Ύψ.Οργ: **1,68**
 Στ. Πρσσ: **S1** X: **546.213,1888** Y: **4.533.709,3875** Γων.Πρσσ: **0,0000**

Σημείο	Ορ. Γων.	Κατ. Γων.	Ορ.Απόστ.	Ύψ.Στ.	Χ	Ψ	Z
206	201,9020	100,0136	31,9542	1,650	546.241,04	4.533.825,94	2,49
207	203,3826	100,1562	31,7442	1,650	546.241,70	4.533.825,54	2,42
208	209,2918	100,0842	31,7002	1,650	546.244,47	4.533.824,56	2,45
209	215,7930	100,0108	32,0112	1,650	546.247,56	4.533.823,50	2,49
210	225,1942	99,7298	32,3088	1,650	546.251,77	4.533.821,28	2,63
211	227,4856	100,1006	32,7158	1,650	546.252,95	4.533.820,91	2,44
212	228,9686	101,2368	30,6379	1,650	546.252,24	4.533.818,82	1,90
213	234,2148	99,7004	28,7330	1,650	546.252,81	4.533.815,78	2,63
214	239,1886	102,1708	29,8366	1,650	546.255,19	4.533.814,90	1,47

215	244,2004	101,2764	44,9053	1,650	546.268,68	4.533.822,20	1,59
216	228,2264	101,2518	45,5923	1,650	546.261,24	4.533.830,77	1,60
217	227,6706	101,2284	46,0824	1,650	546.261,23	4.533.831,40	1,60
218	225,7136	100,5290	45,2487	1,650	546.259,61	4.533.831,58	2,12
219	226,1064	100,6326	44,3884	1,650	546.259,32	4.533.830,72	2,05
220	222,2690	100,0662	43,4639	1,650	546.256,62	4.533.831,47	2,45
221	221,6186	100,2126	44,4343	1,650	546.256,77	4.533.832,53	2,34
222	223,4598	100,1332	40,9787	1,650	546.255,90	4.533.828,97	2,41
223	223,2640	100,1146	39,3014	1,650	546.254,86	4.533.827,64	2,42
224	221,7156	100,0790	38,9695	1,650	546.253,89	4.533.827,89	2,44
225	220,6136	99,7146	39,8219	1,650	546.253,76	4.533.828,97	2,67
226	222,1548	100,9876	39,4936	1,650	546.254,40	4.533.828,18	1,88
227	203,2170	99,8774	70,9266	1,650	546.252,34	4.533.863,25	2,63
228	204,2896	99,8850	70,6387	1,650	546.253,40	4.533.862,64	2,62
229	207,0082	99,8052	71,2173	1,650	546.256,46	4.533.862,25	2,71
230	210,0208	99,7516	71,4410	1,650	546.259,70	4.533.861,27	2,77
231	212,4806	99,6992	70,6631	1,650	546.261,92	4.533.859,48	2,83
232	214,2204	100,3644	70,6017	1,650	546.263,64	4.533.858,61	2,09
233	215,2566	99,9916	70,8658	1,650	546.264,79	4.533.858,33	2,50
234	217,6432	100,0702	71,2826	1,650	546.267,34	4.533.857,46	2,41
235	221,3276	101,2092	72,2592	1,650	546.271,41	4.533.856,19	1,12
236	217,6398	100,7354	119,3119	1,650	546.290,52	4.533.899,53	1,11
237	214,8072	100,6406	118,5151	1,650	546.285,46	4.533.901,27	1,30
238	212,6352	100,0588	118,0822	1,650	546.281,63	4.533.902,61	2,38
239	210,8706	99,9658	117,9443	1,650	546.278,57	4.533.903,79	2,56
240	210,2638	100,2280	117,9186	1,650	546.277,52	4.533.904,19	2,07
241	209,1572	99,6344	117,4566	1,650	546.275,45	4.533.904,52	3,17
242	207,8908	99,7954	117,5029	1,650	546.273,28	4.533.905,39	2,87
243	206,1026	99,8272	117,6340	1,650	546.270,21	4.533.906,60	2,81
244	204,5644	99,8406	118,0759	1,650	546.267,63	4.533.907,89	2,79
245	203,8470	99,8598	118,2619	1,650	546.266,41	4.533.908,46	2,75

Στάση: **S20** X: **547.321,7566** Y: **4.535.150,5491** Z: **13,0951** Ύψ.Οργ: **1,52**
 Στ. Πρσσ: **S19** X: **547.180,6838** Y: **4.535.159,0563** Γων.Πρσσ: **0,0000**

Σημείο	Ορ. Γων.	Κατ. Γων.	Ορ.Απόστ.	Ύψ.Στ.	Χ	Ψ	Z
885	173,6496	100,4826	34,9331	1,650	547.354,53	4.535.162,65	12,70
886	182,1268	100,063					

H οικονομική σε χαρτί εκδοχή της Εκτύπωσης των ταχυμετρικών του παραδείγματος

925	178,3924	102,2716	41,6720	1,650	547.777,06	4.535.216,14	11,38
926	178,8064	101,3372	42,9406	1,650	547.778,32	4.535.216,46	11,97
927	190,7648	100,3336	80,2362	1,650	547.817,12	4.535.218,93	12,45
928	192,3554	100,3600	110,7242	1,650	547.847,21	4.535.224,43	12,24
929	192,0760	100,3118	142,0787	1,650	547.877,46	4.535.232,68	12,17
930	198,5940	100,0884	110,1711	1,650	547.848,78	4.535.213,71	12,72
931	195,3804	100,2116	110,5195	1,650	547.848,17	4.535.219,26	12,50
932	199,8640	100,0864	53,5151	1,650	547.792,90	4.535.204,28	12,80
933	193,4684	100,0944	54,1009	1,650	547.792,51	4.535.209,70	12,79
934	201,5876	100,3128	39,7588	1,650	547.779,38	4.535.201,45	12,67
935	201,7098	100,1632	38,4037	1,650	547.778,04	4.535.201,24	12,77
936	206,3554	101,9188	39,9960	2,570	547.779,80	4.535.198,49	10,74
937	206,0736	101,9054	38,6194	2,570	547.778,42	4.535.198,62	10,79
938	203,5954	101,8044	39,1847	2,570	547.778,91	4.535.200,16	10,84
939	199,9812	99,8422	28,4984	1,650	547.768,09	4.535.201,03	12,94
940	225,1890	102,2538	27,7383	1,650	547.766,56	4.535.190,05	11,89
941	228,2804	102,5168	23,9993	1,650	547.762,62	4.535.189,93	11,92
942	200,3698	99,7476	22,0157	1,650	547.761,68	4.535.200,08	12,96

Στάση: **S24** X: **548.015,5087** Y: **4.535.288,5950** Z: **11,8531** Ύψ.Οργ: **1,53**
 Στ. Πρσσ: **T5** X: **547.901,8450** Y: **4.535.225,7210** Γων.Πρσσ: **0,0000**

Σημείο	Ορ. Γων.	Κατ. Γων.	Ορ.Απόστ.	Ύψ.Στ.	Χ	Ψ	Z
970	206,2524	99,7772	17,4094	1,650	548.031,50	4.535.295,49	11,79
971	206,2254	99,8874	49,1647	1,650	548.060,65	4.535.308,08	11,82
972	206,2502	99,8898	81,3338	1,650	548.090,20	4.535.320,80	11,87
973	206,2044	99,8956	112,6452	1,650	548.118,92	4.535.333,27	11,91
974	209,3090	99,8380	112,9408	1,650	548.121,25	4.535.328,28	12,02
975	212,3554	99,9000	114,0327	1,650	548.124,06	4.535.323,51	11,91
976	221,7886	101,0430	103,6667	1,650	548.117,80	4.535.305,42	10,03
977	221,6540	101,2414	99,8590	2,550	548.114,01	4.535.305,01	8,88
978	216,3898	100,5266	103,9210	1,650	548.116,26	4.535.314,09	10,87
979	213,0542	99,9232	101,7892	1,650	548.112,75	4.535.318,70	11,85
980	214,7446	100,3358	96,8878	1,650	548.108,79	4.535.314,78	11,22
981	215,0242	100,4648	94,7144	1,650	548.106,81	4.535.313,79	11,04
982	218,8852	99,9656	54,6438	1,650	548.068,97	4.535.299,91	11,76
983	212,7406	99,8514	53,2342	1,650	548.066,28	4.535.304,59	11,85

Στάση: **S25** X: **548.127,5697** Y: **4.535.336,9171** Z: **11,9761** Ύψ.Οργ: **1,53**
 Στ. Πρσσ: **S24** X: **548.015,5087** Y: **4.535.288,5950** Γων.Πρσσ: **0,0000**

Σημείο	Ορ. Γων.	Κατ. Γων.	Ορ.Απόστ.	Ύψ.Στ.	Χ	Ψ	Z
1000	200,0674	99,5222	41,4215	1,650	548.165,62	4.535.353,28	12,17
1001	200,3746	99,5580	73,3901	1,650	548.195,13	4.535.365,58	12,37
1002	201,5402	99,5476	105,6332	1,650	548.225,55	4.535.376,39	12,61
1003	204,9224	99,7214	103,8536	1,650	548.225,83	4.535.370,55	12,32
1004	208,2752	99,9134	103,7065	1,650	548.227,32	4.535.365,29	12,00
1005	208,1534	99,5566	42,3543	1,650	548.168,29	4.535.348,58	12,16
1006	216,0182	99,7024	43,6194	1,650	548.170,66	4.535.343,67	12,07
984	5,6026	99,6470	26,2039	2,570	548.102,69	4.535.328,70	11,09
985	5,3848	99,7604	28,4813	2,570	548.100,56	4.535.327,89	11,05
986	11,7022	103,2066	29,8570	2,570	548.098,45	4.535.330,31	9,44
987	7,6268	102,1214	27,4386	3,600	548.101,26	4.535.329,14	9,00
988	13,7182	104,5092	25,5343	2,570	548.102,50	4.535.332,05	9,13
989	366,9070	104,3598	32,6073	2,570	548.108,00	4.535.310,84	8,70
990	364,6422	104,3576	30,7424	2,570	548.110,00	4.535.311,69	8,83
991	370,1148	102,7930	30,4005	2,570	548.108,12	4.535.313,55	9,61
992	25,2156	105,1240	29,2691	1,650	548.098,30	4.535.336,59	9,50
993	23,7146	104,8002	31,1826	1,650	548.096,41	4.535.335,84	9,50
994	28,5564	104,3880	32,1107	1,650	548.095,49	4.535.338,25	9,64
995	126,7248	104,0424	19,2420	1,650	548.127,81	4.535.356,16	10,64
996	136,6696	104,0132	20,5126	1,650	548.131,02	4.535.357,14	10,57
997	146,0062	102,6148	6,4452	1,650	548.129,57	4.535.343,04	11,60
998	167,2574	101,6598	8,9237	1,650	548.132,97	4.535.344,02	11,63
999	199,3810	98,8588	9,9107	1,650	548.136,63	4.535.340,93	12,04

Στάση: **S26** X: **548.240,4058** Y: **4.535.380,5158** Z: **12,7559** Ύψ.Οργ: **1,53**
 Στ. Πρσσ: **S25** X: **548.127,5697** Y: **4.535.336,9171** Γων.Πρσσ: **0,0000**

Σημείο	Ορ. Γων.	Κατ. Γων.	Ορ.Απόστ.	Ύψ.Στ.	Χ	Ψ	Z
1007	209,6886	99,3456	16,0662	1,650	548.256,10	4.535.383,97	12,81
1008	212,8580	99,8398	46,5286	1,650	548.286,29	4.535.388,24	12,76
1009	207,1608	101,8492	42,4674	1,650	548.281,49	4.535.391,28	11,41
1010	206,3182	101,9364	40,1765	1,650	548.279,13	4.535.391,21	11,42
1011	202,3588	103,1592	39,8771	1,650	548.278,11	4.535.393,50	10,66
1012	205,5992	102,6556	41,4795	2,570	548.280,26	4.535.392,01	9,99
1013	203,9046	101,5578	43,8037	2,570	548.282,16	4.535.393,77	10,65
1014	216,9224	99,9400	76,7855	1,650	548.316,79	4.535.388,40	12,71
1015	223,7410	100,1420	106,9072	1,650	548.347,31	4.535.380,07	12,40
1016	226,9814	100,2614	106,9955	1,650	548.347,24	4.535.374,62	12,20
1017	227,0140	100,6700	54,0890	1,650	548.294,41	4.535.377,51	12,07
1018	220,5804	100,2832	52,2062	1,650	548.292,56	4.535.382,89	12,41
1019	231,0306	101,4622	42,5140	1,650	548.282,62	4.535.375,48	11,66
1020	232,0926	101,8530	40,1861	1,650	548.280,22	4.535.375,09	11,47
1021	234,4266	102,5910	43,0164	2,570	548.282,79	4.535.373,15	9,97
1022	235,3798	102,7412	40,7201	2,570	548.280,42	4.535.372,94	9,97
1023	232,9520	103,0270	41,7643	2,570	548.281,71	4.535.374,32	9,73

Στάση: **S27** X: **548.348,3736** Y: **4.535.385,5059** Z: **12,6182** Ύψ.Οργ: **1,55**
 Στ. Πρσσ: **S26** X: **548.240,4058** Y: **4.535.380,5158** Γων.Πρσσ: **0,0000**

Σημείο	Ορ. Γων.	Κατ. Γων.	Ορ.Απόστ.	Ύψ.Στ.	Χ	Ψ	Z
1024	211,8940	100,0028	31,9592	1,650	548.380,02	4.535.381,03	12,52
1025	212,9154	100,0398	63,4635	1,650	548.411,06	4.535.375,60	12,48
1026	213,0338	100,0544	94,6899	1,650	548.441,88	4.535.370,56	12,44
1027	212,2766	100,1242	87,5614	1,650	548.435,00	4.535.372,71	12,35
1028	212,3136	100,1016	86,2570	1,650	548.433,70	4.535.372,85	12,38
1029	210,6844	100,2300	85,7967	2,570	548.433,54	4.535.375,09	11,29
1030	211,8832	100,5380	86,8747	2,570	548.434,39	4.535.373,34	10,86
1031	210,7090	100,3350	87,9272	2,570	548.435,65	4.535.374,80	11,14
1032	212,6410	100,1194	108,5266	1,650	548.455,64	4.535.369,03	12,31
1033	209,1884	100,1558	110,8756	1,650	548.458,72	4.535.374,64	12,25
1034	200,2852	99,6954	111,2086	1,650	548.459,49	4.535.390,14	13,05
1035	199,7424	99,6972	120,2311	1,650	548.468,45	4.535.391,54	13,09
1036	208,8090	100,0628	121,6349	1,650	548.469,49	4.535.374,31	12,40
1037	212,4026	100,0764	124,6518	1,650	548.471,65	4.535.367,05	12,37
1038	215,7246	100,0154	126,7591	1,650	548.472,59	4.535.360,22	12,49
1039	218,9208	99,9440	126,8180	1,650	548.471,22	4.535.354,01	12,63
1040	223,2162	100,5924	128,2110	1,650	548.470,14	4.535.345,36	11,32
1041	223,8266	100,6418	123,9708	1,650	548.465,73	4.535.345,56	11,27
1042	219,1822	99,9570	121,9618	1,650	548.466,39	4.535.354,73	12,60
1043	222,3132	100,2352	88,7246	1,650	548.433,02	4.535.358,92	12,19
1044	222,4390	100,2236	87,4251	1,650	548.431,73	4.535.359,15	12,21
1045	224,0666	100,5646	89,6833	2,570	548.433,16	4.535.356,29	10,80
1046	222,6706	101,0294	88,1498	2,570	548.432,32	4.535.358,62	10,17
1047	224,1420	100,5762	87,4730	2,570	548.431,04	4.535.356,91	10,81
1048	224,7940	100,1032	58,9311	1,650	548.403,87	4.535.365,67	12,42
1049	218,8944	99,9572	56,7620	1,650	548.403,36	4.535.371,43	12,56

Στάση: **S28** X: **548.475,2658** Y: **4.535.352,3876** Z: **12,7039** Ύψ.Οργ: **1,57**
 Στ. Πρσσ: **S27** X: **548.348,3736** Y: **4.535.385,5059** Γων.Πρσσ: **0,0000**

Σημείο	Ορ. Γων.	Κατ. Γων.	Ορ.Απόστ.	Ύψ.Στ.	Χ	Ψ	Z
1050	163,1708	100,5950	31,9538	1,650	548.505,56	4.535.362,54	12,33
1051	175,7070	100,3806	62,8406	1,650	548.537,61	4.535.360,30	12,25
1052	178,6608	100,3182	94,5038	1,650	548.569,47	4.535.359,93	12,16
1053	179,4502	100,3114	125,8529	1,650	548.600,83	4.535.360,88	12,01
1054	178,7220						