

Λογάρισμοι
αριθμών

αριθ. λογ.

621	2.793092
622	2.793790
623	2.794488
624	2.795185
625	2.795880
626	2.796574
627	2.797268
628	2.797960
629	2.798651
630	2.799341
631	2.800029
632	2.800717
633	2.801404
634	2.802089
635	2.802774
636	2.803457
637	2.804139
638	2.804821
639	2.805501
640	2.806180
641	2.806858
642	2.807535
643	2.808211
644	2.808886
645	2.809560
646	2.810232
647	2.810904
648	2.811575
649	2.812245
650	2.812913

651	2.813581
652	2.814248
653	2.814913
654	2.815578
655	2.816241
656	2.816904
657	2.817565
658	2.818226
659	2.818885
660	2.819544
661	2.820201
662	2.820858

αριθ.	λογ.	αριθ.	λογ.	αριθ.	λογ.
30	8.894643	30	8.895984	11.104016	9.998659
31	8.896240	31	8.897596	11.102404	9.998649
32	8.897842	32	8.899203	11.100797	9.998639
33	8.899432	33	8.900803	11.099197	9.998629
34	8.901017	34	8.902398	11.097602	9.998619
35	8.902596	35	8.903987	11.096013	9.998609
36	8.904159	36	8.905570	11.094430	9.998599
37	8.905730	37	8.907147	11.092853	9.998589
38	8.907297	38	8.908719	11.091281	9.998578
39	8.908853	39	8.910285	11.089715	9.998568
40	8.910404	40	8.911846	11.088154	9.998558
41	8.911949	41	8.913401	11.086599	9.998548
42	8.913488	42	8.914951	11.085049	9.998537
43	8.915025	43	8.916495	11.083505	9.998527
44	8.916550	44	8.918034	11.081966	9.998516
45	8.918073	45	8.919568	11.080432	9.998506
46	8.919591	46	8.921096	11.078904	9.998495
47	8.921103	47	8.922619	11.077381	9.998485
48	8.922610	48	8.924136	11.075864	9.998474
49	8.924112	49	8.925649	11.074351	9.998464
50	8.925609	50	8.927156	11.072844	9.998453
51	8.927100	51	8.928658	11.071342	9.998442
52	8.928587	52	8.930155	11.069845	9.998431
53	8.930068	53	8.931647	11.068353	9.998421
54	8.931544	54	8.933134	11.066866	9.998410
55	8.933015	55	8.934616	11.065384	9.998399
56	8.934481	56	8.936093	11.063907	9.998388
57	8.935942	57	8.937565	11.062435	9.998377
58	8.937398	58	8.939032	11.060968	9.998366
59	8.938850	59	8.940494	11.059506	9.998355
60	8.940296	60	8.941952	11.058048	9.998344
συνη. 85		συνε. 85		εφα. 85	
				ημ. 85	

αριθ.	λογ.	αριθ.	λογ.	αριθ.	λογ.
663	2.821514	672	2.827369	681	2.833147
664	2.822168	673	2.828015	682	2.833784
665	2.822822	674	2.828660	683	2.834421
666	2.823474	675	2.829304	684	2.835056
667	2.824126	676	2.829947	685	2.835691
668	2.824776	677	2.830589	686	2.836324
669	2.825426	678	2.831230	687	2.836957
670	2.826075	679	2.831870	688	2.837588
671	2.826723	680	2.832509	689	2.838219

ΠΑΝΕΠΙΣΤΗΜΙΟ
ΤΟΜΕΑΣ
ΕΡΓΑΣΤΗΡΙΟ ΕΡΕΥΝΩΝ
ΔΙΕΥΘΥΝΤΗΣ: ΕΠ. Κ.

ΚΑΝΝΙΝΑ 2006

λογαριθμοί
της αριθμών

αριθ.	λογ.
690	2.838849
691	2.839478
692	2.840106
693	2.840733
694	2.841359
695	2.841985
696	2.842609
697	2.843233
698	2.843855
699	2.844477
700	2.845098
701	2.845718
702	2.846337
703	2.846955
704	2.847573
705	2.848189
706	2.848805
707	2.839419
708	2.850033
709	2.950646
710	2.851258
711	2.851870
712	2.852480
713	2.853090
714	2.853698
715	2.854306
716	2.854913
717	2.855519
718	2.856124
719	2.856729

°	ημ. 5	εφα. 5	συντ. 5	συνη. 5
0	8.940296	8.941952	11.058648	9.998344
1	8.941738	8.943404	11.056896	9.998333
2	8.943174	8.944852	11.055148	9.998322
3	8.944606	8.946295	11.053705	9.998311
4	8.946034	8.947734	11.052266	9.998300
5	8.947456	8.949168	11.050832	9.998289
6	8.948874	8.950597	11.049403	9.998277
7	8.950287	8.952021	11.047979	9.998266
8	8.951696	8.953441	11.046559	9.998255
9	8.953100	8.954856	11.045144	9.998243
10	8.954499	8.956267	11.043733	9.998232
11	8.955894	8.957674	11.042326	9.998220
12	8.957284	8.959075	11.040925	9.998209
13	8.958670	8.960473	11.039527	9.998197
14	8.960052	8.961866	11.038134	9.998186
15	8.961429	8.963255	11.036745	9.998174
16	8.962801	8.964639	11.035361	9.998163
17	8.964170	8.966019	11.033981	9.998151
18	8.965534	8.967394	11.032606	9.998139
19	8.966893	8.968766	11.031234	9.998128
20	8.968245	8.970133	11.029867	9.998116
21	8.969600	8.971496	11.028504	9.998104
22	8.970947	8.972855	11.027145	9.998092
23	8.972289	8.974209	11.025791	9.998080
24	8.973628	8.975560	11.024440	9.998068
25	8.974962	8.976906	11.023094	9.998056
26	8.976293	8.978248	11.021752	9.998044
27	8.977619	8.979586	11.020414	9.998032
28	8.978941	8.980921	11.019079	9.998020
29	8.980259	8.982251	11.017749	9.998008
30	8.981573	8.983577	11.016423	9.997996
ΣΥΝΗ. 84	ΣΥΝΤ. 84	ΕΦΑ. 84	ΗΜ. 84	

720	2.857332
721	2.857935
722	2.858537
723	2.859138
724	2.859739
725	2.860338
726	2.860937
727	2.861534
728	2.862131
729	2.862728
730	2.863323
731	2.863917

αριθ.	λογ.	αριθ.	λογ.	αριθ.	λογ.
732	2.864511	741	2.869818	750	2.875061
733	2.865104	742	2.870404	751	2.875640
734	2.865696	743	2.870989	752	2.876218
735	2.866287	744	2.871573	753	2.876795
736	2.866878	745	2.872156	754	2.877371
737	2.867467	746	2.872739	755	2.877947
738	2.868056	747	2.873321	756	2.878522
739	2.868644	748	2.873902	757	2.879096
740	2.869232	749	2.874482	758	2.879669

ΠΑΝΕΠΙΣΤΗ
 ΤΟΜΕ
 ΕΡΓΑΣΤΗΡΙΟ ΕΡΕΥΝ
 ΔΙΕΥΘΥΝΤΗΣ: ΕΠ. ΚΟΗΝΤΗΣ

Λογάρισμοι των αριθμών.		ἡμ. 5	ἔφα. 5	συνε. 5	συνη. 5		
αριθ.	λογ.						
759	2.880242	30	8.981673	8.983577	11.016423	9.997996	30
760	2.880814	31	8.982883	8.984899	11.015101	9.997984	29
761	2.881385	32	8.984189	8.986217	11.013783	9.997972	28
762	2.881955	33	8.985491	8.987532	11.012468	9.997959	27
763	2.882525	34	8.986789	8.988842	11.011158	9.997947	26
764	2.883093	35	8.988083	8.990149	11.009851	9.997935	25
765	2.883661	36	8.989374	8.991451	11.008549	9.997922	24
766	2.884229	37	8.990660	8.992750	11.007250	9.997910	23
767	2.884795	38	8.991943	8.994045	11.005955	9.997897	22
768	2.885361	39	8.993222	8.995337	11.004663	9.997885	21
769	2.885926	40	8.994497	8.996624	11.003376	9.997872	20
770	2.886491	41	8.995768	8.997908	11.002092	9.997860	19
771	2.887054	42	8.997036	8.999188	11.000812	9.997847	18
772	2.887617	43	8.998299	9.000465	10.999535	9.997835	17
773	2.888179	44	8.999560	9.001738	10.998262	9.997822	16
774	2.888741	45	9.000816	9.003007	10.996993	9.997809	15
775	2.889302	46	9.002069	9.004272	10.995728	9.997797	14
776	2.889862	47	9.003318	9.005534	10.994466	9.997784	13
777	2.890421	48	9.004563	9.006792	10.993208	9.997771	12
778	2.890980	49	9.005805	9.008047	10.991953	9.997758	11
779	2.891537	50	9.007044	9.009298	10.990702	9.997745	10
780	2.892095	51	9.008278	9.010546	10.989454	9.997732	9
781	2.892651	52	9.009510	9.011790	10.988210	9.997719	8
782	2.893207	53	9.010737	9.013031	10.986969	9.997706	7
783	2.893762	54	9.011962	9.014268	10.985732	9.997693	6
784	2.894316	55	9.013182	9.015502	10.984498	9.997680	5
785	2.894870	56	9.014400	9.016732	10.983268	9.997667	4
786	2.895423	57	9.015613	9.017959	10.982041	9.997654	3
787	2.895975	58	9.016824	9.019183	10.980817	9.997641	2
788	2.896526	59	9.018031	9.020403	10.979597	9.997628	1
789	2.897077	60	9.819235	9.021620	10.978380	9.997614	0
			συνη. 84	συνε. 84	ἔφα. 84	ἡμ. 84	

αριθ.	λογ.	αριθ.	λογ.	αριθ.	λογ.		
792	2.898725	801	2.903633	810	2.908485	819	2.913284
793	2.899273	802	2.904174	811	2.909021	820	2.913814
795	2.899821	803	2.904716	812	2.909556	821	2.914343
796	2.900367	804	2.905256	813	2.910091	822	2.914872
797	2.900913	805	2.905796	814	2.910624	823	2.915400
798	2.901458	806	2.906335	815	2.911158	824	2.915927
799	2.902003	807	2.906874	816	2.911690	825	2.916454
800	2.902547	808	2.907411	817	2.912222	826	2.916980
		809	2.907949	818	2.912753	827	2.917506

Ε. Α. Π. Κ. Τ. Π.
ΙΩΑΝΝΙΝΑ 2006

λογαριθμοί των αριθμών.		ἡμ. 6	ἐφα. 6	συνε. 6	συνη. 6		
828	2.918030	0	9.019235	9.021620	10.978380	9.997614	60
829	2.918555	1	9.020435	9.022834	10.977166	9.997601	59
830	2.919078	2	9.021632	9.024044	10.975956	9.997588	58
831	2.919601	3	9.022825	9.025251	10.974749	9.997574	57
832	2.920123	4	9.024016	9.026455	10.973545	9.997561	56
833	2.920645	5	9.025203	9.026455	10.972345	9.997547	55
834	2.921166	6	9.026386	9.028852	10.971148	9.997534	54
835	2.921686	7	9.027567	9.030046	10.969954	9.997520	53
836	2.922206	8	9.028744	9.031237	10.968763	9.997507	52
837	2.922725	9	9.029918	9.032425	10.967575	9.997493	51
838	2.923244	10	9.031089	9.033609	10.966391	9.997480	50
839	2.923762	11	9.032257	9.034791	10.965209	9.997466	49
840	2.924279	12	9.033421	9.035969	10.964031	9.997452	48
841	2.924796	13	9.031582	9.037144	10.962856	9.997439	47
842	2.925312	14	9.035741	9.038316	10.961684	9.997425	46
843	2.925828	15	9.036896	9.039485	10.960515	9.997411	45
844	2.926342	16	9.038048	9.040651	10.959349	9.997397	44
845	2.926857	17	9.039197	9.041813	10.958187	9.997383	43
846	2.927370	18	9.040342	9.042973	10.957027	9.997369	42
847	2.927883	19	9.041485	9.044130	10.955870	9.997355	41
848	2.928396	20	9.042625	9.045284	10.954716	9.997341	40
849	2.928908	21	9.043762	9.046434	10.953566	9.997327	39
850	2.929419	22	9.044895	9.047582	10.952418	9.997313	38
851	2.929930	23	9.046026	9.048727	10.951273	9.997299	37
852	2.930440	24	9.047154	9.049869	10.950131	9.997285	36
853	2.930949	25	9.048279	9.051008	10.948992	9.997271	35
854	2.931458	26	9.049400	9.052144	10.947856	9.997257	34
855	2.931966	27	9.050519	9.053277	10.946723	9.997242	33
856	2.932474	28	9.051635	9.054407	10.945593	9.997228	32
857	2.932981	29	9.052749	9.055535	10.944465	9.997214	31
858	2.933487	30	9.053859	9.056659	10.943341	9.997199	30
859	2.933993		συνη. 83	συνε. 83	ἐφα. 83	ἡμ. 83	
860	2.934498						

αριθ.	λογ.	αριθ.	λογ.	αριθ.	λογ.
861	2.935003	870	2.939519	879	2.943989
862	2.935507	871	2.940018	880	2.944483
863	2.936011	872	2.940516	881	2.944976
864	2.936514	873	2.941014	882	2.945469
865	2.937016	874	2.941511	883	2.945961
866	2.937518	875	2.942008	884	2.946452
867	2.938019	876	2.942504	885	2.946943
868	2.938520	877	2.943000	886	2.947434
869	2.939020	878	2.943495	887	2.947924
				888	2.938413
				889	2.948902
				890	2.949390
				891	2.949878
				892	2.950365
				893	2.950851
				894	2.951338
				895	2.951823
				896	2.952308

ΠΑΝΕΠΙΣΤΗΜΙΟ
ΤΟΜΕΑΣ
ΕΡΓΑΣΤΗΡΙΟ ΕΡΕΥΝΑΣ
ΔΙΕΥΘΥΝΤΗΣ: ΕΠ. Τ. ΟΥΡΟΥ

ΙΩΑΝΝΙΝΑ 2006

λογαριθμοί των αριθμών		ημ. 6	εφα. 6	συνε. 6	συνη. 6
897	2.952792	30	9.053859	10.943341	9.997199
898	2.952925	31	9.054966	10.942219	9.997185
899	2.953076	32	9.056071	10.941100	9.997170
900	2.953243	33	8.057172	9.060016	10.939984
901	2.953425	34	9.058271	9.061130	10.938870
902	2.953620	35	9.059367	9.062240	10.937760
903	2.953828	36	9.060460	9.063348	10.936652
904	2.954048	37	9.061551	9.064453	10.935547
905	2.954280	38	9.062639	9.065556	10.934444
906	2.954524	39	9.063724	9.066655	10.933345
907	2.954780	40	9.064806	9.067752	10.932248
908	2.955047	41	9.065885	9.068846	10.931154
909	2.955325	42	9.066962	9.069938	10.930062
910	2.955614	43	9.068036	9.071027	10.928973
911	2.955914	44	9.069107	9.072113	10.927887
912	2.956225	45	9.070176	9.073197	10.926803
913	2.956547	46	9.071242	9.074278	10.925722
914	2.956880	47	9.072306	9.075356	10.924644
915	2.957224	48	9.073366	9.076432	10.923568
916	2.957579	49	9.074424	9.077505	10.922495
917	2.957945	50	9.075480	9.078576	10.921424
918	2.958322	51	9.076533	9.079644	10.920356
919	2.958710	52	9.077583	9.080710	10.919290
920	2.959109	53	9.078631	9.081773	10.918227
921	2.959519	54	9.079676	9.082833	10.917167
922	2.959940	55	9.080719	9.083891	10.916109
923	2.960372	56	9.081759	9.084947	10.915053
924	2.960815	57	9.082797	9.086000	10.914000
925	2.961269	58	9.083832	9.087050	10.912950
926	2.961734	59	9.084864	9.088098	10.911902
927	2.962210	60	9.085894	9.089144	10.910856
928	2.962697		συνη. 83	συνε. 83	εφα. 83
929	2.963195				ημ. 83
930	2.963704	939	2.972666	948	2.976808
931	2.964224	940	2.973128	949	2.977266
932	2.964755	941	2.973590	950	2.977724
933	2.965297	942	2.974051	951	2.978181
934	2.965850	943	2.974512	952	2.978637
935	2.966414	944	2.974972	953	2.979093
936	2.966989	945	2.975432	954	2.979548
937	2.967575	946	2.975891	955	2.980003
938	2.968172	947	2.976350	956	2.980458
939	2.968780			957	2.980912
940	2.969399			958	2.981366
941	2.969929			959	2.981819
942	2.970470			960	2.982271
943	2.971022			961	2.982723
944	2.971584			962	2.983175
945	2.972157			963	2.983626
946	2.972740			964	2.984077
947	2.973333			965	2.984527

ΠΑΝΕΠΙΣΤΗΜΙΟΝ
ΕΡΓΑΣΤΗΡΙΟ ΕΡΕΥΝΑΣ
ΔΙΕΥΘΥΝΤΗΣ: ΚΑΘΗΓΗΤΗΣ Κ. Τ. Π.

Κ. Τ. Π. της Κ. Τ. Π.
ΙΩΑΝΝΙΝΑ 2006

λογαριθμοί τῶν ἐριθμῶν.		ἦμ. 7	ἐφα. 7	συνεὶ 7	συνκ. 7		
966	2.984977	0	9.085394	9.089144	10.910856	9.996751	66
967	2.985426	1	9.086922	9.090187	10.909813	9.996735	59
968	2.985875	2	9.087947	9.091228	10.908772	9.996720	58
969	2.986324	3	9.088970	9.092266	10.907734	9.996704	57
970	2.986772	4	9.089990	9.093302	10.906698	9.996688	56
971	2.987219	5	9.091008	9.094336	10.905664	9.996673	55
972	2.987666	6	9.092024	9.095367	10.904633	9.996657	54
973	2.988113	7	9.093037	9.096395	10.903605	9.996641	53
974	2.988559	8	9.094047	9.097422	10.902578	9.996625	25
975	2.989005	9	9.095056	9.098446	10.901554	9.996610	51
976	2.989450	10	9.096062	9.099468	10.900532	9.996594	50
977	2.989895	11	9.097065	9.100487	10.899513	9.996578	49
978	2.990339	12	9.098066	9.101504	10.898496	9.996562	48
979	2.990783	13	9.099065	9.102519	10.897481	9.996546	47
980	2.991226	14	9.100062	9.103532	10.896468	9.996530	46
981	2.991669	15	9.101056	9.104542	10.895458	9.996514	45
982	2.992111	16	9.102048	9.105550	10.894450	9.996498	44
983	2.992554	17	9.103037	9.106556	10.893444	9.996482	43
984	2.992995	18	9.104025	9.107559	10.892441	9.996465	42
985	2.993436	19	9.105010	9.108560	10.891440	9.996449	41
986	2.993877	20	9.105992	9.109559	10.890441	9.996433	40
987	2.994317	21	9.106973	9.110556	10.889444	9.996417	39
988	2.994757	22	9.107951	9.111551	10.888449	9.996400	38
989	2.995196	23	9.108927	9.112543	10.887457	9.996384	37
990	2.995635	24	9.109901	9.113533	10.886467	9.996368	36
991	2.996074	25	9.110873	9.114521	10.885479	9.996351	35
992	2.996512	26	9.111842	9.115507	10.884493	9.996335	34
993	2.996949	27	9.112809	9.116491	10.883509	9.996318	33
994	2.997386	28	9.113774	9.117472	10.882528	9.996302	32
995	2.997823	29	9.114737	9.118452	10.881548	9.996285	31
996	2.998259	30	9.115698	9.119429	10.880571	9.996269	30
997	2.998695						
998	2.999131						
999	2.999565						
1000	3.000000						
1001	3.000434						
1002	3.000868						
1003	3.001301						
1004	3.001734						
1005	3.002166						
1006	3.002590						
1007	3.003029						
			συνκ. 82	συνκ. 82	ἐφα. 82	ἦμ. 82	

ἀριθ.	λογ.	ἀριθ.	λογ.	ἀριθ.	λογ.
1008	3.003461	1017	3.007321	1026	3.011147
1009	3.003891	1018	3.007748	1027	3.011570
1010	3.004321	1019	3.008174	1028	3.011993
1011	3.004751	1020	3.008600	1029	3.012415
1012	3.005181	1021	3.009026	1030	3.012837
1013	3.005609	1022	3.009451	1031	3.013259
1014	3.006038	1023	3.009876	1032	3.013680
1015	3.006466	1024	3.010300	1033	3.014100
1016	3.006894	1025	3.010724	1034	3.014521

ΠΑΝΕΠΙΣΤΗΜΙΟΝ
ΕΡΓΑΣΤΗΡΙΟΝ ΕΡΕΥΝΑΣ
ΔΙΕΥΘΥΝΤΗΣ: ΕΥΣΤΑΘΙΟΥ Κ.Τ.Π

ΕΥΣΤΑΘΙΟΥ Κ.Τ.Π
ΙΩΑΝΝΙΝΑ 2006

λογάριθμοι των αριθμών.		ήμ. 7	εφα. 7	συνε. 7	συνη. 7		
1035	3.014940	30	9.115698	9.119429	10.880571	9.996269	30
1036	3.015360	31	9.116656	9.120404	10.879596	9.996252	29
1037	3.015779	32	9.117613	9.121377	10.878623	9.996235	28
1038	3.016197	33	9.118567	9.122348	10.877652	9.996219	27
1039	3.016616	34	9.119519	9.123317	10.876683	9.996202	26
1040	3.017033	35	9.120469	9.124284	10.875716	9.996185	25
1041	3.017451	36	9.121417	9.125249	10.874751	9.996168	24
1042	3.017868	37	9.122362	9.126211	10.873789	9.996151	23
1043	3.018284	38	9.123306	9.127172	10.872828	9.996134	22
1044	3.018700	39	9.124248	9.128130	10.871870	9.996117	21
1045	3.019116	40	9.125187	9.129087	10.870913	9.996100	20
1046	3.019532	41	9.126125	9.130041	10.869959	9.996083	19
1047	3.019947	42	9.127060	9.130994	10.869006	9.996066	18
1048	3.020361	43	9.127993	9.131944	10.868056	9.996049	17
1049	3.020775	44	9.128925	9.132893	10.867107	9.996032	16
1050	3.021189	45	9.129854	9.133839	10.866161	9.996015	15
1051	3.021603	46	9.130781	9.134784	10.865216	9.995998	14
1052	3.022016	47	9.131706	9.135726	10.864274	9.995980	13
1053	3.022428	48	9.132630	9.136667	10.863333	9.995963	12
1054	3.022841	49	9.133551	9.137605	10.862395	9.995946	11
1055	3.023252	50	9.134470	9.138542	10.861458	9.995928	10
1056	3.023664	51	9.135387	9.139476	10.860524	9.995911	9
1057	3.024075	52	9.136303	9.140409	10.859591	9.995894	8
1058	3.024486	53	9.137216	9.141340	10.858660	9.995876	7
1059	3.024896	54	9.138128	9.142269	10.857731	9.995859	6
1060	3.025306	55	9.139037	9.143196	10.856804	9.995841	5
1061	3.025715	56	9.139944	9.144121	10.855879	9.995823	4
1062	3.026125	57	9.140850	9.145044	10.854956	9.995806	3
1063	3.026533	58	9.141754	9.145966	10.854034	9.995788	2
1064	3.026942	59	9.142655	9.146885	10.853115	9.995771	1
1065	3.027350	60	9.243555	9.147803	10.852197	9.995753	0
1066	3.027757	συνη 82		συνε. 82	εφα. 82	ήμ. 82	
1067	3.028164	αριθ.	λογ.	αριθ.	λογ.	αριθ.	λογ.
1068	3.028571	1077	3.032216	1086	3.035830	1095	3.039414
1069	3.028978	1078	3.032619	1087	3.036229	1096	3.039811
1070	3.029384	1079	3.033021	1088	3.036629	1097	3.040207
1071	3.029789	1080	3.033424	1089	3.037028	1098	3.040602
1072	3.030195	1081	3.033826	1090	3.037426	1099	3.040998
1073	3.030600	1082	3.034227	1091	3.037825	1100	3.041393
1074	3.031004	1083	3.034628	1092	3.038223	1101	3.041787
1075	3.031408	1084	3.035029	1093	3.038620	1102	3.042182
1076	3.031812	1085	3.035430	1094	3.039017	1103	3.042576

ΙΩΑΝΝΙΝΑ 2006

λογ. αριθμοί των αριθμών		ημ. 8	εφα. 8	συνε. 8	συνη. 8		
1104	3.042969	0	9.143555	9.147803	10.852197	9.995753	60
1105	3.043362	1	9.144453	9.148718	10.851282	9.995735	59
1106	3.043755	2	9.145349	9.149632	10.850368	9.995717	58
1107	3.044148	3	9.146243	9.150544	10.849456	9.995699	57
1108	3.044540	4	9.147136	9.151454	10.848546	9.995681	56
1109	3.044932	5	9.148026	9.152363	10.847637	9.995664	55
1110	3.045323	6	9.148915	9.153269	10.846731	9.995646	54
1111	3.045714	7	9.149802	9.154174	10.845826	9.995628	53
1112	3.046105	8	9.150686	9.155077	10.844923	9.995610	52
1113	3.046495	9	9.151569	9.155978	10.844022	9.995591	51
1114	3.046885	10	9.152451	9.156877	10.843123	9.995573	50
1115	3.047275	11	9.153330	9.157775	10.842225	9.995555	49
1116	3.047664	12	9.154208	9.158671	10.841329	9.995537	48
1117	3.048053	13	9.155083	9.159565	10.840435	9.995519	47
1118	3.048442	14	9.155957	9.160457	10.839543	9.995501	46
1119	3.048830	15	9.156830	9.161347	10.838653	9.995482	45
1120	3.049218	16	9.157700	9.162236	10.837764	9.995464	44
1121	3.049606	17	9.158569	9.163123	10.836877	9.995446	43
1122	3.049993	18	9.159435	9.164008	10.835992	9.995427	42
1123	3.050380	19	9.160301	9.164892	10.835108	9.995409	41
1124	3.050766	20	9.161164	9.165774	10.834226	9.995390	40
1125	3.051153	21	9.162025	9.166654	10.833346	9.995372	39
1126	3.051538	22	9.162885	9.167532	10.832468	9.995353	38
1127	3.051924	23	9.163743	9.168409	10.831591	9.995334	37
1128	3.052309	24	9.164600	9.169284	10.830716	9.995316	36
1129	3.052694	25	9.165454	9.170157	10.829843	9.995297	35
1130	3.053078	26	9.166307	9.171029	10.828971	9.995278	34
1131	3.053463	27	9.167159	9.171899	10.828101	9.995260	33
1132	3.053846	28	9.168008	9.172767	10.827233	9.995241	32
1133	3.054230	29	9.168856	9.173634	10.826366	9.995222	31
1134	3.054613	30	9.169702	9.174499	10.825501	9.995203	30
1135	3.054996	συνη. 81	συνε. 81	εφα. 81	ημ. 81		
1136	3.055378						
1137	3.055760	αριθ.	λογ.	αριθ.	λογ.	αριθ.	λογ.
1138	3.056142	1146	3.059185	1155	3.062582	1164	3.065953
1139	3.056524	1147	3.059563	1156	3.062958	1165	3.066326
1140	3.056905	1148	3.059942	1157	3.063333	1166	3.066699
1141	3.057286	1149	3.060320	1158	3.063709	1167	3.067071
1142	3.057666	1150	3.060698	1159	3.064083	1168	3.067443
1143	3.058046	1151	3.061075	1160	3.064458	1169	3.067815
1144	3.058426	1152	3.061452	1161	3.064832	1170	3.068186
1145	3.058805	1153	3.061829	1162	3.065206	1171	3.068557
		1154	3.062206	1163	3.065580	1172	3.068928

ΠΑΝΕΠΙΣΤΗ
ΤΟΜΕΑ
ΕΡΓΑΣΤΗΡΙΟ ΕΡΕΥΝΩΝ
ΔΙΕΥΘΥΝΤΗΣ: ΕΠ. Τ.
ΟΙΚΟΝΟΜΙΚΩΝ ΕΠΙΣΤΗΜΩΝ

ΕΡΕΥΝΗΤΗΣ Κ.Τ.Π
ΙΩΑΝΝΙΝΑ 2006

λογαριθμοί
των αριθμών

αριθ.	λογ.
1173	3.069298
1174	3.069668
1175	3.070038
1176	3.070407
1177	3.070776
1178	3.071145
1179	3.071514
1180	3.071882
1181	3.072250
1182	3.072617
1183	3.072985
1184	3.073352
1185	3.073718
1186	3.074085
1187	3.074451
1188	3.074816
1189	3.075182
1190	3.075547
1191	3.075912
1192	3.076276
1193	3.076640
1194	3.077004
1195	3.077368
1196	3.077731
1197	3.078094
1198	3.078457
1199	3.078819
1200	3.079181
1201	3.079543
1202	3.079904

ημ. 8	εφα. 8	συνε. 8	συνη. 8
30	9.169702	9.174499	10.825501
31	9.170547	9.175362	10.824638
32	9.171389	9.176224	10.823776
33	9.172230	9.177084	10.822916
34	9.173070	9.177942	10.822058
35	9.173908	9.178799	10.821201
36	9.174744	9.179655	10.820345
37	9.175578	9.180508	10.819492
38	9.176411	9.181360	10.818640
39	9.177242	9.182211	10.817789
40	9.178072	9.183059	10.816941
41	9.178900	9.183907	10.816093
42	9.179726	9.184752	10.815248
43	9.180551	9.185597	10.814403
44	9.181374	9.186439	10.813561
45	9.182196	9.187280	10.812720
46	9.183016	9.188120	10.811880
47	9.183834	9.188958	10.811042
48	9.184651	9.189794	10.810206
49	9.185466	9.190629	10.809371
50	9.186280	9.191452	10.808538
51	9.187092	9.192294	10.807706
52	9.187903	9.193124	10.806876
53	9.188712	9.193953	10.806047
54	9.189519	9.194780	10.805220
55	9.190325	9.195606	10.804394
56	9.191130	9.196430	10.803570
57	9.191933	9.197253	10.802747
58	9.192734	9.198074	10.801926
59	9.193534	9.198894	10.801106
60	9.194332	9.199713	10.800287
συνη. 8:	συνε. 8:	εφα. 8:	ημ. 8:

1203	3.080266
1204	3.080636
1205	3.080987
1206	3.081347
1207	3.081707
1208	3.082067
1209	3.082426
1210	3.082785
1211	3.083144
1212	3.083503
1213	3.083861
1214	3.084219

αριθ.	λογ.	αριθ.	λογ.	αριθ.	λογ.
1215	3.084576	1224	3.087781	1233	3.090963
1216	3.084934	1225	3.088136	1234	3.091315
1217	3.085291	1226	3.088490	1235	3.091667
1218	3.085647	1227	3.088845	1236	3.092018
1219	3.086004	1228	3.089198	1237	3.092370
1220	3.086360	1229	3.089552	1238	3.092721
1221	3.086716	1230	3.089905	1239	3.093071
1222	3.087071	1231	3.090258	1240	3.093422
1223	3.087426	1232	3.090611	1241	3.093772

ΠΑΝΕΠΙΣΤΗΜΙΟ
ΤΟΜΕΑΣ Φ
ΕΡΓΑΣΤΗΡΙΟ ΕΡΕΥΝΩΝ
ΔΙΕΥΘΥΝΤΗΣ: ΕΠ. ΚΑΘ.

ΙΩΑΝΝΙΝΑ 2006

λογαρίθμοι ῤῥῆ ἀριθμῶν		ἡμ. 9	ἔφα. 9	συνε. 9	συνη. 9		
1242	3.094122	0	9.194332	9.199713	10.800287	9.994620	60
1243	3.094471	1	9.195129	9.200529	10.799471	9.994600	59
1244	3.094820	2	9.195925	9.201345	10.798655	9.994580	58
1245	3.095169	3	9.196719	9.202159	10.797841	9.994560	57
1246	3.095518	4	9.197511	9.202971	10.797029	9.994540	56
1247	3.095866	5	9.198302	9.203782	10.796218	9.994519	55
1248	3.096215	6	9.199091	9.204592	10.795408	9.994499	54
1249	3.096562	7	9.199879	9.205400	10.794600	9.994479	53
1250	3.096910	8	9.200666	9.206207	10.793793	9.994459	52
1251	3.097257	9	9.201451	9.207013	10.792987	9.994438	51
1252	3.097604	10	9.202234	9.207817	10.792183	9.994418	50
1253	3.097951	11	9.203017	9.208619	10.791381	9.994398	49
1254	3.098298	12	9.203797	9.209420	10.790580	9.994377	48
1255	3.098644	13	9.204577	9.210220	10.789780	9.994357	47
1256	3.098990	14	9.205354	9.211018	10.788982	9.994336	46
1257	3.099335	15	9.206131	9.211815	10.788185	9.994316	45
1258	3.099681	16	9.206906	9.212611	10.787389	9.994295	44
1259	3.100026	17	9.207679	9.213405	10.786595	9.994274	43
1260	3.100371	18	9.208452	9.214198	10.785802	9.994254	42
1261	3.100715	19	9.209222	9.214989	10.785011	9.994233	41
1262	3.101059	20	9.209992	9.215780	10.784220	9.994212	40
1263	3.101403	21	9.210760	9.216568	10.783432	9.994191	39
1264	3.101747	22	9.211526	9.217356	10.782644	9.994171	38
1265	3.102091	23	9.212291	9.218142	10.781858	9.994150	37
1266	3.102434	24	9.213055	9.218926	10.781074	9.994129	36
1267	3.102777	25	9.213818	9.219710	10.780290	9.994108	35
1268	3.103119	26	9.214579	9.220492	10.779508	9.994087	34
1269	3.103462	27	9.215338	9.221272	10.778728	9.994066	33
1270	3.103804	28	9.216097	9.222052	10.777948	9.994045	32
1271	3.104146	29	9.216854	9.222830	10.777170	9.994024	31
1272	3.104487	30	9.217609	9.223607	10.776393	9.994003	30
1273	3.104828		συνη. 80	συνε. 80	ἔφα. 80	ἡμ. 80	
1274	3.105169						
1275	3.105510	1284	3.108565	1293	3.111599	1302	3.114611
1276	3.105851	1285	3.108903	1294	3.111934	1303	3.114944
1277	3.106191	1286	3.109241	1295	3.112270	1304	3.115278
1278	3.106531	1287	3.109579	1296	3.112605	1305	3.115611
1279	3.106871	1288	3.109916	1297	3.112940	1306	3.115943
1280	3.107210	1289	3.110253	1298	3.113275	1307	3.116276
1281	3.107549	1290	3.110590	1299	3.113609	1308	3.116608
1282	3.107888	1291	3.110926	1300	3.113943	1309	3.116940
1283	3.108227	1292	3.111263	1301	3.114277	1310	3.117272

ΠΑΝΕΠΙΣΤΗΜΙΟΝ
ΕΡΓΑΣΤΗΡΙΟ ΕΡΕΥΝΑΣ
ΔΙΕΥΘΥΝΤΗΣ: Ε. ΚΑΚΗ

ΕΡΓΑΣΤΗΡΙΟΝ
Κ. Τ. Π.
ΙΩΑΝΝΙΝΑ 2006

λογαριθμοί
των αριθμών

αριθ.	λογ.
1311	3.117603
1312	3.117934
1313	3.118265
1314	3.118595
1315	3.118926
1316	3.119256
1317	3.119586
1318	3.119915
1319	3.120245
1320	3.120574
1321	3.120903
1322	3.121231
1323	3.121560
1324	3.121888
1325	3.122216
1326	3.122544
1327	3.122871
1328	3.123198
1329	3.123525
1330	3.123852
1331	3.124178
1332	3.124504
1333	3.124830
1334	3.125156
1335	3.125481
1336	3.125806
1337	3.126131
1338	3.126456
1339	3.126781
1340	3.127105

ημ. 9	εφα. 1)	συνε. 9	συνη. 9
30	9.217609	9.223607	10.776393
31	9.218363	9.224382	10.775618
32	9.219116	9.225156	10.774844
33	9.219868	9.225929	10.774071
34	9.220618	9.226700	10.773300
35	9.221367	9.227471	10.772529
36	9.222115	9.228239	10.771761
37	9.222861	9.229007	10.770993
38	9.223606	9.229773	10.770227
39	9.224349	9.230539	10.769461
40	9.225092	9.231302	10.768698
41	9.225833	9.232065	10.767935
42	9.226573	9.232826	10.767174
43	9.227311	9.233586	10.766414
44	9.228048	9.234345	10.765655
45	9.228784	9.235103	10.764897
46	9.229518	9.235859	10.764141
47	9.230252	9.236614	10.763386
48	9.230984	9.237368	10.762632
49	9.231715	9.238120	10.761880
50	9.232444	9.238872	10.761128
51	9.233172	9.239622	10.760378
52	9.233899	9.240371	10.759629
53	9.234625	9.241118	10.758882
54	9.235349	9.241865	10.758135
55	9.236073	9.242610	10.757390
56	9.236795	9.243354	10.756646
57	9.237515	9.244097	10.755903
58	9.238235	9.244839	10.755162
59	9.238953	9.245579	10.754421
60	9.239670	9.246319	10.753681
συνη. 80		συνε. 80	εφα. 10
			ημ. 80

1341	3.127429
1342	3.127755
1343	3.128076
1344	3.128399
1345	3.128722
1346	3.129045
1347	3.129368
1348	3.129690
1349	3.130012
1350	3.130334
1351	3.130655
1352	3.130977

αριθ.	λογ.	αριθ.	λογ.	αριθ.	λογ.
1353	3.131298	1362	3.134177	1371	3.137137
1354	3.131619	1363	3.134496	1372	3.137354
1355	3.131939	1364	3.134814	1373	3.137671
1356	3.132260	1365	3.135133	1374	3.137987
1357	3.132580	1366	3.135451	1375	3.138302
1358	3.132900	1367	3.135769	1376	3.138618
1359	3.133219	1368	3.136086	1377	3.138934
1360	3.133539	1369	3.136403	1378	3.139249
1361	3.133858	1370	3.136721	1379	3.139564

Ε. Κ. Κ. Π. ΙΩΑΝΝΙΝΑ 2006

λογαριθμοί ἡμ. ἀριθμῶν.		ἡμ. 10	ἔφα. 10	συνε. 10	συνη. 10
1380	3.139879	9.239670	9.246319	10.753681	9.993351
1381	3.140194	9.240386	9.247057	10.752943	9.993329
1382	3.140508	9.241101	9.247794	10.752206	9.993307
1383	3.140822	9.241814	9.248530	10.751470	9.993284
1384	3.141136	9.242526	9.249264	10.750736	9.993262
1385	3.141450	9.243237	9.249998	10.750002	9.993240
1386	3.141763	9.243947	9.250730	10.749270	9.993217
1387	3.142076	9.244656	9.251461	10.748539	9.993195
1388	3.142389	9.245363	9.252191	10.747809	9.993172
1389	3.142702	9.246069	9.252920	10.747080	9.993149
1390	3.143015	9.246775	9.253648	10.746352	9.993127
1391	3.143327	9.247478	9.254374	10.745626	9.993104
1392	3.143639	9.248181	9.255100	10.744900	9.993081
1393	3.143951	9.248883	9.255824	10.744176	9.993059
1394	3.144263	9.249583	9.256547	10.743453	9.993036
1395	3.144574	9.250282	9.257269	10.742731	9.993013
1396	3.144885	9.250980	9.257990	10.742010	9.992990
1397	3.145196	9.251677	9.258710	10.741290	9.992967
1398	3.145507	9.252373	9.259429	10.740571	9.992944
1399	3.145818	9.253067	9.260146	10.739854	9.992921
1400	3.146128	9.253761	9.260863	10.739137	9.992898
1401	3.146438	9.254453	9.261578	10.738422	9.992875
1402	3.146748	9.255144	9.262292	10.737708	9.992852
1403	3.147058	9.255834	9.263005	10.736995	9.992829
1404	3.147367	9.256523	9.263717	10.736283	9.992806
1405	3.147676	9.257211	9.264428	10.735572	9.992783
1406	3.147985	9.257898	9.265138	10.734862	9.992759
1407	3.148294	9.258583	9.265847	10.734153	9.992736
1408	3.148603	9.259268	9.266555	10.733445	9.992713
1409	3.148911	9.259951	9.267261	10.732739	9.992690
1410	3.149219	9.260633	9.267967	10.732033	9.992666
1411	3.149527				
1412	3.149835				
1413	3.150142	1422	3.152900	1431	3.155640
1414	3.150449	1433	3.153205	1432	3.155943
1415	3.150756	1424	3.153510	1433	3.156246
1416	3.151063	1425	3.153815	1434	3.156549
1417	3.151370	1426	3.154120	1435	3.156852
1418	3.151677	1427	3.154424	1436	3.157154
1419	3.151982	1428	3.154728	1437	3.157457
1420	3.152288	1429	3.155032	1438	3.157759
1421	3.152594	1430	3.155336	1439	3.158061
1440	3.158362	1440	3.158362	1440	3.158362
1441	3.158664	1441	3.158664	1441	3.158664
1442	3.158965	1442	3.158965	1442	3.158965
1443	3.159266	1443	3.159266	1443	3.159266
1444	3.159567	1444	3.159567	1444	3.159567
1445	3.159868	1445	3.159868	1445	3.159868
1446	3.160168	1446	3.160168	1446	3.160168
1447	3.160468	1447	3.160468	1447	3.160468
1448	3.160769	1448	3.160769	1448	3.160769

ΠΑΝΕΠΙΣΤΗΜΙΟΝ
ΕΡΓΑΣΤΗΡΙΟ ΕΡΕΥΝΑΣ
ΔΙΕΥΘΥΝΤΗΣ: ΕΥΚΛΕΙΑΣ Κ.Τ.Π

Ε. Π. Της Κ.τ.Π
ΙΩΑΝΝΙΝΑ 2006

λογαριθμοί των αριθμών		ημ. 10	εφα. 10	συνε. 10	συνη. 10		
1449	3.161062	30	9.260633	9.267967	10.732033	9.992665	30
1450	3.161368	31	9.261314	9.268671	10.731329	9.992643	29
1451	3.161667	32	9.261994	9.269375	10.730625	9.992619	28
1452	3.161967	33	9.262673	9.270077	10.729923	9.992596	27
1453	3.162266	34	9.263351	9.270779	10.729221	9.992572	26
1454	3.162564	35	9.264027	9.271479	10.728521	9.992549	25
1455	3.162863	36	9.264703	9.272178	10.727822	9.992525	24
1456	3.163161	37	9.265377	9.272876	10.727124	9.992501	23
1457	3.163460	38	9.266051	9.273573	10.726427	9.992478	22
1458	3.163758	39	9.266723	9.274269	10.725731	9.992454	21
1459	3.164055	40	9.267395	9.274964	10.725036	9.992430	20
1460	3.164353	41	9.268065	9.275658	10.724342	9.992406	19
1461	3.164650	42	9.268734	9.276351	10.723649	9.992382	18
1462	3.164947	43	9.269402	9.277043	10.722957	9.992359	17
1463	3.165244	44	9.270069	9.277734	10.722266	9.992335	16
1464	3.165541	45	9.270735	9.278424	10.721576	9.992311	15
1465	3.165838	46	9.271400	9.279113	10.720887	9.992287	14
1466	3.166134	47	9.272064	9.279801	10.720199	9.992263	13
1467	3.166430	48	9.272726	9.280488	10.719512	9.992239	12
1468	3.166726	49	9.273388	9.281174	10.718826	9.992214	11
1469	3.167022	50	9.274049	9.281858	10.718142	9.992190	10
1470	3.167317	51	9.274708	9.282542	10.717458	9.992166	9
1471	3.167613	52	9.275367	9.283225	10.716775	9.992142	8
1472	3.167908	53	9.276025	9.283907	10.716093	9.992118	7
1473	3.168203	54	9.276681	9.284588	10.715412	9.992093	6
1474	3.168497	55	9.277337	9.285268	10.714732	9.992069	5
1475	3.168792	56	9.277991	9.285947	10.714053	9.992044	4
1476	3.169086	57	9.278645	9.286624	10.713375	9.992020	3
1477	3.169380	58	9.279297	9.287301	10.712699	9.991996	2
1478	3.169674	59	9.279948	9.287977	10.712023	9.991971	1
1479	3.269968	60	9.280599	9.288652	10.711348	9.991947	0
			συνη. 79	συνε. 79	εφα. 79	ημ. 79	

αριθ.	λογ.	αριθ.	λογ.	αριθ.	λογ.
1481	3.170555	1491	3.173478	1500	3.176091
1482	3.170848	1492	3.173769	1501	3.176381
1483	3.171141	1493	3.174060	1502	3.176670
1484	3.171434	1494	3.174351	1503	3.176959
1485	3.171726	1495	3.174641	1504	3.177248
1486	3.172019	1496	3.174932	1505	3.177536
1487	3.172311	1497	3.175222	1506	3.177825
1488	3.172603	1498	3.175512	1507	3.178113
1489	3.172895	1499	3.175802	1508	3.178401
1490	3.173186			1509	3.178689
				1510	3.178977
				1511	3.179264
				1512	3.179552
				1513	3.179839
				1514	3.180126
				1515	3.180413
				1516	3.180699
				1517	3.180986

ΠΑΝΕΠΙΣΤΗΜΙΑ
ΕΡΓΑΣΤΗΡΙΟ ΕΡΕΥΝΩΝ
ΔΙΕΥΘΥΝΤΗΣ: ΕΠ. Κ. ΚΑΡΑΪΩΑΝΝΙΝΑ

ΚΑΡΑΪΩΑΝΝΙΝΑ 2006

λογαρίθμοι
των αριθμών.

αριθ.	λογ.
1518	3.181272
1519	3.181558
1520	3.181844
1521	3.182129
1522	3.182415
1523	3.182700
1524	3.182985
1525	3.183270
1526	3.183555
1527	3.182839
1528	3.184123
1529	3.184407
1530	3.184691
1531	3.184975
1532	3.185259
1533	3.185542
1534	3.185825
1535	3.186108
1536	3.186391
1537	3.186674
1538	3.186956
1539	3.187239
1540	3.187521
1541	3.187803
1542	3.188084
1543	3.188366
1544	3.188647
1545	3.188928
1546	3.189209
1547	3.189490

αριθ.	ημ. ΙΙ	εφα. ΙΙ	συνεα ΙΙ	συνη. ΙΙ
0	9.280599	9.288652	10.711348	9.991947
1	9.281248	9.289325	10.710674	9.991922
2	9.281897	9.289999	10.710001	9.991897
3	9.282544	9.290671	10.709329	9.991873
4	9.283190	9.291342	10.708658	9.991848
5	9.283836	9.292013	10.707987	9.991823
6	9.284480	9.292682	10.707318	9.991799
7	9.285124	9.293350	10.706650	9.991774
8	9.285766	9.294017	10.705983	9.991749
9	9.286408	9.294684	10.705316	9.991724
10	9.287048	9.295349	10.704651	9.991699
11	9.287688	9.296013	10.703987	9.991674
12	9.288326	9.296677	10.703323	9.991649
13	9.288964	9.297339	10.702661	9.991624
14	9.289600	9.298001	10.701999	9.991599
15	9.290236	9.298662	10.701338	9.991574
16	9.290870	9.299322	10.700678	9.991549
17	9.291504	9.299980	10.700020	9.991524
18	9.292137	9.300638	10.699362	9.991498
19	9.292768	9.301295	10.698705	9.991473
20	9.293399	9.301951	10.698049	9.991448
21	9.294029	9.302607	10.697392	9.991422
22	9.294658	9.303261	10.696739	9.991397
23	9.295286	9.303914	10.696086	9.991372
24	9.295913	9.304567	10.695433	9.991346
25	9.296539	9.305218	10.694782	9.991321
26	9.297164	9.305869	10.694131	9.991295
27	9.297788	9.306519	10.693481	9.991270
28	9.298412	9.307168	10.692832	9.991244
29	9.299034	9.307815	10.692184	9.991218
30	9.299655	9.308463	10.691537	9.991193
	συνη. 78	συνε. 78	εφα. 78	ημ. 78

1548	3.189771
1549	3.190051
1550	3.190332
1551	3.190612
1552	3.190892
1553	3.191171
1554	3.191451
1555	3.191730
1556	3.192010
1557	3.192289
1558	3.192567
1559	3.192846

αριθ.	λογ.	αριθ.	λογ.	αριθ.	λογ.
1560	3.193125	1569	3.195623	1578	3.198107
1561	3.193403	1570	3.195900	1579	3.198382
1562	3.193681	1571	3.196176	1580	3.198657
1563	3.193959	1572	3.196453	1581	3.198932
1564	3.194237	1573	3.196729	1582	3.199206
1565	3.194514	1574	3.197005	1583	3.199481
1566	3.194792	1575	3.197281	1584	3.199755
1567	3.195069	1576	3.197556	1585	3.200029
1568	3.195346	1577	3.197832	1586	3.200303

ΠΑΝΕΠΙΣΤΗΜΙΟΝ
ΕΡΓΑΣΤΗΡΙΟ ΕΡΕΥΝΑΣ
ΔΙΕΥΘΥΝΤΗΣ

ΙΩΑΝΝΙΝΑ 2006

λογάριθμοι της δεκάδας.		ημ. ΙΙ	εφα. ΙΙ	συνε. ΙΙ	συνη. ΙΙ		
1587	3.200577	30	9.299655	9.308463	10.691537	9.991193	30
1588	3.200850	31	9.300276	9.309109	10.690891	9.991167	29
1589	3.201124	32	9.300895	9.309754	10.690246	9.991141	28
1590	3.201397	33	9.301514	9.310399	10.689601	9.991115	27
1591	3.201670	34	9.302132	9.311042	10.688958	9.991090	26
1592	3.201943	35	9.302748	9.311685	10.688315	9.991064	25
1593	3.202216	36	9.303364	9.312327	10.687673	9.991038	24
1594	3.202488	37	9.303979	9.312968	10.687032	9.991012	23
1595	3.202761	38	9.304593	9.313608	10.686392	9.990986	22
1596	3.203033	39	9.305207	9.314247	10.685753	9.990960	21
1597	3.203305	40	9.305819	9.314885	10.685115	9.990934	20
1598	3.203577	41	9.306430	9.315523	10.684477	9.990908	19
1599	3.203848	42	9.307041	9.316159	10.683841	9.990882	18
1600	3.204120	43	9.307650	9.316795	10.683205	9.990855	17
1601	3.204391	44	9.308259	9.317430	10.682570	9.990829	16
1602	3.204663	45	9.308867	9.318064	10.681936	9.990803	15
1603	3.204934	46	9.309474	9.318697	10.681303	9.990777	14
1604	3.205204	47	9.310080	9.319330	10.680670	9.990750	13
1605	3.205475	48	9.310685	9.319961	10.680039	9.990724	12
1606	3.205746	49	9.311289	9.320592	10.679408	9.990697	11
1607	3.206016	50	9.311893	9.321222	10.678778	9.990671	10
1608	3.206286	51	9.312495	9.321851	10.678149	9.990645	9
1609	3.206556	52	9.313097	9.322479	10.677521	9.990618	8
1610	3.206826	53	9.313698	9.323106	10.676894	9.990591	7
1611	3.207096	54	9.314297	9.323733	10.676267	9.990565	6
1612	3.207365	55	9.314897	9.324358	10.675642	9.990538	5
1613	3.207634	56	9.315495	9.324983	10.675017	9.990511	4
1614	3.207904	57	9.316092	9.325607	10.674393	9.990485	3
1615	3.208173	58	9.316689	9.326231	10.673769	9.990458	2
1616	3.208441	59	9.317284	9.326853	10.673147	9.990431	1
1617	3.208710	60	9.317879	9.327475	10.672525	9.990404	0
1618	3.208979		συνη.78	συνε.78	εφα.78	ημ.78	
1619	3.209247						
1620	3.209515	1629	3.211921	1638	3.214314	1647	3.216694
1621	3.209783	1630	3.212188	1639	3.214579	1648	3.216957
1622	3.210051	1631	3.212454	1640	3.214844	1649	3.217221
1623	3.210319	1632	3.212720	1641	3.215109	1650	3.217484
1624	3.210586	1633	3.212986	1642	3.215373	1651	3.217747
1625	3.210853	1634	3.213252	1643	3.215638	1652	3.218010
1626	3.211121	1635	3.213518	1644	3.215902	1653	3.218273
1627	3.211388	1636	3.213783	1645	3.216166	1654	3.218536
1628	3.211654	1637	3.214049	1646	3.216430	1655	3.218798

ΙΩΑΝΝΙΝΑ 2006

λογαρίθμοι των ἀριθμῶν.		ἡμ. 12	ἐφα. 12	συνε. 12	συνη. 12		
1656	3.219060	0	9.317879	9.327474	10.672525	9.990404	60
1657	3.219323	1	9.318473	9.328095	10.671904	9.990378	59
1658	3.219585	2	9.319066	9.328715	10.671285	9.990351	58
1659	3.219846	3	9.319658	9.329334	10.670666	9.990324	57
1660	3.220108	4	9.320249	9.329953	10.670047	9.990297	56
1661	3.220370	5	9.320840	9.330570	10.669430	9.990270	55
1662	3.220631	6	9.321430	9.330187	10.668813	9.990243	54
1663	3.220892	7	9.322019	9.331803	10.668197	9.990215	53
1664	3.221153	8	9.322607	9.332418	10.667582	9.990188	52
1665	3.221414	9	9.323194	9.333033	10.666967	9.990161	51
1666	3.221675	10	9.323780	9.333646	10.666354	9.990134	50
1667	3.221936	11	9.324366	9.334259	10.665741	9.990107	49
1668	3.222196	12	9.324950	9.334871	10.665129	9.990079	48
1669	3.222456	13	9.325534	9.335482	10.664518	9.990052	47
1670	3.222716	14	9.326117	9.336093	10.663907	9.990025	46
1671	3.222976	15	9.326700	9.336702	10.663298	9.989997	45
1672	3.223236	16	9.327281	9.337311	10.662698	9.989970	44
1673	3.223496	17	9.327862	9.337919	10.662081	9.989942	43
1674	3.223755	18	9.328442	9.338527	10.661473	9.989915	42
1675	3.224015	19	9.329021	9.339133	10.660867	9.989887	41
1676	3.224274	20	9.329599	9.339739	10.660261	9.989860	40
1677	3.224533	21	9.330176	9.340344	10.659659	9.989832	39
1678	3.224792	22	9.330752	9.340948	10.659052	9.989804	38
1679	3.225051	23	9.331329	9.341552	10.658448	9.989777	37
1680	3.225309	24	9.331903	9.342155	10.657845	9.989749	36
1681	3.225568	25	9.332478	9.342757	10.657243	9.989721	35
1682	3.225826	26	9.333051	9.343358	10.656642	9.989693	34
1683	3.226084	27	9.333624	9.343958	10.656042	9.989665	33
1684	3.226342	28	9.334195	9.344558	10.655442	9.989637	32
1685	3.226600	29	9.334767	9.345157	10.654843	9.989610	31
1686	3.226858	30	9.335337	9.345755	10.654245	9.989582	30
1687	3.227115		συνη. 77	συνε. 77	ἐφα. 77	ἡμ. 77	!
1688	3.227372						

ἀριθ.	λογ.	ἀριθ.	λογ.	ἀριθ.	λογ.
1689	3.227630	1698	3.229938	1707	3.232234
1690	3.227887	1699	3.230193	1708	3.232488
1691	3.228144	1700	3.230449	1709	3.232742
1692	3.228400	1701	3.230704	1710	3.232996
1693	3.228657	1702	3.230960	1711	3.233250
1694	3.228913	1703	3.231215	1712	3.233504
1695	3.229170	1704	3.231470	1713	3.233757
1696	3.229426	1705	3.231724	1714	3.234011
1697	3.229682	1706	3.231979	1715	3.234294
				1724	3.236537

ΠΑΝΕΠΙΣΤΗ
ΤΟΜΕΙ
ΕΡΓΑΣΤΗΡΙΟ ΕΡΕΥΝ
ΔΙΕΥΘΥΝΤΗΣ: ΕΠ.

Ε. Π. Κ. Τ. Π
ΙΩΑΝΝΙΝΑ 2006