

TANGENTE NATURAL

N	0'	10'	20'	30'	40'	50'	N	0'	10'	20'	30'	40'	50'
0°	.0000	.0029	.0058	.0067	.0116	.0145	45°	1.000	1.006	1.012	1.018	1.024	1.030
1	.0175	.0204	.0233	.0262	.0291	.0320	46	1.036	1.042	1.048	1.054	1.060	1.066
2	.0349	.0378	.0407	.0437	.0466	.0495	47	1.072	1.079	1.085	1.091	1.093	1.104
3	.0524	.0553	.0582	.0612	.0641	.0670	48	1.111	1.117	1.124	1.130	1.137	1.144
4	.0699	.0729	.0758	.0787	.0816	.0846	49	1.150	1.157	1.164	1.171	1.178	1.185
5°	.0875	.0904	.0934	.0963	.0992	.1022	50°	1.192	1.199	1.206	1.213	1.220	1.228
6	.1051	.1080	.1110	.1139	.1169	.1198	51	1.235	1.242	1.250	1.257	1.265	1.272
7	.1228	.1257	.1287	.1317	.1346	.1376	52	1.280	1.288	1.295	1.303	1.311	1.319
8	.1405	.1435	.1465	.1495	.1524	.1554	53	1.327	1.335	1.343	1.351	1.360	1.368
9	.1584	.1614	.1644	.1673	.1703	.1733	54	1.376	1.385	1.393	1.402	1.411	1.419
10°	.1763	.1793	.1823	.1853	.1883	.1914	55°	1.428	1.437	1.446	1.445	1.464	1.473
11	.1944	.1974	.2004	.2035	.2065	.2095	56	1.483	1.492	1.501	1.511	1.520	1.530
12	.2126	.2156	.2186	.2217	.2247	.2278	57	1.540	1.550	1.560	1.570	1.580	1.590
13	.2309	.2339	.2370	.2401	.2432	.2462	58	1.600	1.611	1.621	1.632	1.643	1.653
14	.2493	.2524	.2555	.2586	.2617	.2648	59	1.664	1.675	1.686	1.698	1.709	1.720
15°	.2679	.2711	.2742	.2763	.2805	.2836	60°	1.732	1.744	1.756	1.767	1.780	1.792
16	.2867	.2899	.2931	.2962	.2994	.3026	61	1.804	1.816	1.829	1.842	1.855	1.868
17	.3057	.3089	.3121	.3153	.3185	.3217	62	1.881	1.894	1.907	1.921	1.935	1.949
18	.3249	.3281	.3314	.3346	.3378	.3411	63	1.963	1.977	1.991	2.006	2.020	2.035
19	.3443	.3476	.3508	.3541	.3574	.3607	64	2.050	2.066	2.081	2.097	2.112	2.128
20°	.3640	.3673	.3706	.3739	.3772	.3805	65°	2.145	2.161	2.177	2.194	2.211	2.229
21	.3839	.3872	.3906	.3939	.3973	.4006	66	2.246	2.264	2.282	2.300	2.318	2.337
22	.4040	.4074	.4108	.4142	.4176	.4210	67	2.356	2.375	2.394	2.414	2.434	2.455
23	.4245	.4279	.4314	.4348	.4383	.4417	68	2.475	2.496	2.517	2.539	2.560	2.583
24	.4452	.4487	.4522	.4557	.4592	.4628	69	2.605	2.628	2.651	2.675	2.699	2.723
25°	.4663	.4699	.4734	.4770	.4806	.4841	70°	2.747	2.773	2.798	2.824	2.850	2.877
26	.4877	.4913	.4950	.4986	.5022	.5059	71	2.904	2.932	2.960	2.989	3.018	3.047
27	.5095	.5132	.5169	.5206	.5243	.5280	72	3.078	3.108	3.140	3.172	3.204	3.237
28	.5317	.5354	.5392	.5430	.5467	.5505	73	3.271	3.305	3.340	3.376	3.412	3.450
29	.5543	.5581	.5619	.5658	.5696	.5735	74	3.487	3.526	3.566	3.606	3.647	3.689
30°	.5774	.5812	.5851	.5890	.5930	.5969	75°	3.732	3.776	3.821	3.867	3.914	3.962
31	.6009	.6048	.6088	.6128	.6168	.6208	76	4.011	4.061	4.113	4.165	4.219	4.275
32	.6249	.6289	.6330	.6371	.6412	.6453	77	4.331	4.390	4.449	4.511	4.574	4.638
33	.6494	.6536	.6577	.6619	.6661	.6703	78	4.705	4.773	4.843	4.915	4.989	5.066
34	.6745	.6787	.6830	.6873	.6916	.6959	79	5.145	5.226	5.309	5.396	5.485	5.576
35°	.7002	.7046	.7089	.7133	.7177	.7221	80°	5.671	5.769	5.871	5.976	6.084	6.197
36	.7265	.7310	.7355	.7400	.7445	.7490	81	6.314	6.435	6.561	6.691	6.827	6.968
37	.7536	.7581	.7627	.7673	.7720	.7766	82	7.115	7.269	7.429	7.596	7.770	7.953
38	.7813	.7860	.7907	.7954	.8002	.8050	83	8.144	8.345	8.556	8.777	9.010	9.255
39	.8098	.8145	.8195	.8243	.8292	.8342	84	9.514	9.788	10.88	10.39	10.71	11.06
40°	.8391	.8441	.8491	.8541	.8591	.8642	85°	11.43	11.83	12.25	12.71	13.20	13.73
41	.8693	.8744	.8796	.8847	.8899	.8952	86	14.30	14.92	15.60	16.35	17.17	18.07
42	.9004	.9057	.9110	.9163	.9217	.9271	87	19.08	20.21	21.47	22.90	24.54	26.43
43	.9325	.9380	.9435	.9490	.9545	.9601	88	28.64	31.24	34.37	38.19	42.96	49.10
44	.9657	.9713	.9770	.9827	.9884	.9942	89	57.29	68.75	85.94	114.6	171.9	343.8
							90°	∞					
N	0'	10'	20'	30'	40'	50'	N	0'	10'	20'	30'	40'	50'

ARQUIMEDES CABALLERO

