

Involute function ①

α° α'	14		15		16		17		18	
	inv α	Differ	inv α	Differ	inv α	Differ	inv α	Differ	inv α	Differ
0	.004 981 9	18 1	.006 149 8	20 9	.007 492 7	23 9	.009 024 7	27 2	.010 760 4	30 8
1	.005 000 0	18 2	.006 170 7	21 0	.007 516 6	24 0	.009 051 9	27 3	.010 791 2	30 8
2	.005 018 2	18 2	.006 191 7	21 0	.007 540 6	24 1	.009 079 2	27 3	.010 822 0	30 8
3	.005 036 4	18 2	.006 212 7	21 0	.007 564 7	24 1	.009 106 5	27 4	.010 852 8	31 0
4	.005 054 6	18 3	.006 233 7	21 1	.007 588 8	24 2	.009 133 9	27 5	.010 883 8	30 9
5	.005 072 9	18 3	.006 254 8	21 2	.007 613 0	24 2	.009 161 4	27 5	.010 914 7	31 1
6	.005 091 2	18 4	.006 276 0	21 2	.007 637 2	24 2	.009 188 9	27 5	.010 945 8	31 1
7	.005 109 6	18 4	.006 297 2	21 2	.007 661 4	24 3	.009 216 4	27 6	.010 976 9	31 2
8	.005 128 0	18 5	.006 318 4	21 3	.007 685 7	24 4	.009 244 0	27 7	.011 008 1	31 2
9	.005 146 5	18 5	.006 339 7	21 4	.007 710 1	24 4	.009 271 7	27 7	.011 039 3	31 3
10	.005 165 0	18 5	.006 361 1	21 4	.007 734 5	24 5	.009 299 4	27 8	.011 070 6	31 3
11	.005 183 5	18 6	.006 382 5	21 4	.007 759 0	24 5	.009 327 2	27 9	.011 101 9	31 4
12	.005 202 1	18 7	.006 403 9	21 5	.007 783 5	24 6	.009 355 1	27 9	.011 133 3	31 5
13	.005 220 8	18 7	.006 425 4	21 6	.007 808 1	24 6	.009 383 0	27 9	.011 164 8	31 6
14	.005 239 5	18 7	.006 447 0	21 6	.007 832 7	24 7	.009 410 9	28 1	.011 196 4	31 6
15	.005 258 2	18 8	.006 468 6	21 6	.007 857 4	24 8	.009 439 0	28 0	.011 228 0	31 6
16	.005 277 0	18 8	.006 490 2	21 7	.007 882 2	24 7	.009 467 0	28 2	.011 259 6	31 7
17	.005 295 8	18 9	.006 511 9	21 8	.007 906 9	24 9	.009 495 2	28 2	.011 291 3	31 8
18	.005 314 7	18 9	.006 533 7	21 8	.007 931 8	24 9	.009 523 4	28 2	.011 323 1	31 9
19	.005 333 6	19 0	.006 555 5	21 8	.007 956 7	25 0	.009 551 6	28 3	.011 355 0	31 9
20	.005 352 6	19 0	.006 577 3	21 9	.007 981 7	25 0	.009 579 9	28 4	.011 386 9	32 0
21	.005 371 6	19 1	.006 599 2	21 9	.008 006 7	25 0	.009 608 3	28 4	.011 418 9	32 0
22	.005 390 7	19 1	.006 621 1	22 0	.008 031 7	25 1	.009 636 7	28 5	.011 450 9	32 1
23	.005 409 8	19 1	.006 643 1	22 1	.008 056 8	25 2	.009 665 2	28 5	.011 483 0	32 1
24	.005 428 9	19 2	.006 665 2	22 1	.008 082 0	25 2	.009 693 7	28 6	.011 515 1	32 3
25	.005 448 1	19 3	.006 687 3	22 1	.008 107 2	25 3	.009 722 3	28 7	.011 547 4	32 2
26	.005 467 4	19 3	.006 709 4	22 2	.008 132 5	25 3	.009 751 0	28 7	.011 579 6	32 4
27	.005 486 7	19 3	.006 731 6	22 3	.008 157 8	25 4	.009 779 7	28 8	.011 612 0	32 4
28	.005 506 0	19 4	.006 753 9	22 3	.008 183 2	25 5	.009 808 5	28 8	.011 644 4	32 5
29	.005 525 4	19 4	.006 776 2	22 3	.008 208 7	25 5	.009 837 3	28 9	.011 676 9	32 5
30	.005 544 8	19 5	.006 798 5	22 4	.008 234 2	25 5	.009 866 2	28 9	.011 709 4	32 6
31	.005 564 3	19 5	.006 820 9	22 5	.008 259 7	25 6	.009 895 1	29 0	.011 742 0	32 7
32	.005 583 8	19 6	.006 843 4	22 5	.008 285 3	25 7	.009 924 1	29 1	.011 774 7	32 7
33	.005 603 4	19 6	.006 865 9	22 5	.008 311 0	25 7	.009 953 2	29 1	.011 807 4	32 8
34	.005 623 0	19 7	.006 888 4	22 6	.008 336 7	25 8	.009 982 3	29 2	.011 840 2	32 8
35	.005 642 7	19 7	.006 911 0	22 7	.008 362 5	25 8	.010 011 5	29 2	.011 873 0	32 9
36	.005 662 4	19 8	.006 933 7	22 7	.008 388 3	25 9	.010 040 7	29 3	.011 905 9	33 0
37	.005 682 2	19 8	.006 956 4	22 7	.008 414 2	25 9	.010 070 0	29 4	.011 938 9	33 1
38	.005 702 0	19 8	.006 979 1	22 8	.008 440 1	26 0	.010 099 4	29 4	.011 972 0	33 1
39	.005 721 8	19 9	.007 001 9	22 9	.008 466 1	26 0	.010 128 8	29 5	.012 005 1	33 1
40	.005 741 7	20 0	.007 024 8	22 9	.008 492 1	26 1	.010 158 3	29 5	.012 038 2	33 3
41	.005 761 7	20 0	.007 047 7	22 9	.008 518 2	26 2	.010 187 8	29 6	.012 071 5	33 3
42	.005 781 7	20 0	.007 070 6	23 0	.008 544 4	26 2	.010 217 4	29 7	.012 104 8	33 3
43	.005 801 7	20 1	.007 093 6	23 1	.008 570 6	26 3	.010 247 1	29 7	.012 138 1	33 4
44	.005 821 8	20 2	.007 116 7	23 1	.008 596 9	26 3	.010 276 8	29 8	.012 171 5	33 5
45	.005 842 0	20 2	.007 139 8	23 2	.008 623 2	26 4	.010 306 6	29 8	.012 205 0	33 6
46	.005 862 2	20 2	.007 163 0	23 2	.008 649 6	26 4	.010 336 4	29 9	.012 238 6	33 6
47	.005 882 4	20 3	.007 186 2	23 3	.008 676 0	26 5	.010 366 3	30 0	.012 272 2	33 7
48	.005 902 7	20 3	.007 209 5	23 3	.008 702 5	26 5	.010 396 3	30 0	.012 305 9	33 7
49	.005 923 0	20 4	.007 232 8	23 3	.008 729 0	26 6	.010 426 3	30 1	.012 339 6	33 8
50	.005 943 4	20 4	.007 256 1	23 5	.008 755 6	26 7	.010 456 4	30 1	.012 373 4	33 9
51	.005 963 8	20 5	.007 279 6	23 4	.008 782 3	26 7	.010 486 5	30 2	.012 407 3	33 9
52	.005 984 3	20 5	.007 303 0	23 6	.008 809 0	26 8	.010 516 7	30 2	.012 441 2	34 0
53	.006 004 8	20 6	.007 326 6	23 5	.008 835 8	26 8	.010 546 9	30 4	.012 475 2	34 1
54	.006 025 4	20 6	.007 350 1	23 7	.008 862 6	26 9	.010 577 3	30 3	.012 509 3	34 1
55	.006 046 0	20 7	.007 373 8	23 7	.008 889 5	26 9	.010 607 6	30 5	.012 543 4	34 2
56	.006 066 7	20 7	.007 397 5	23 7	.008 916 4	27 0	.010 638 1	30 5	.012 577 6	34 3
57	.006 087 4	20 7	.007 421 2	23 8	.008 943 4	27 0	.010 668 6	30 5	.012 611 9	34 3
58	.006 108 1	20 8	.007 445 0	23 8	.008 970 4	27 1	.010 699 1	30 7	.012 646 2	34 4
59	.006 128 9	20 9	.007 468 8	23 9	.008 997 5	27 2	.010 729 8	30 6	.012 680 6	34 5
60	.006 149 8		.007 492 7		.009 024 7		.010 760 4		.012 715 1	

Involute function ②

α'	α°		19		20		21		22		23	
	inv α	Differ	inv α	Differ	inv α	Differ	inv α	Differ	inv α	Differ	inv α	Differ
0	.012 715 1	34 5	.014 904 4	38 6	.017 344 9	42 9	.020 053 8	47 5	.023 049 1	52 4		
1	.012 749 6	34 6	.014 943 0	38 6	.017 387 8	43 0	.020 101 3	47 6	.023 101 5	52 6		
2	.012 784 2	34 6	.014 981 6	38 7	.017 430 8	43 0	.020 148 9	47 7	.023 154 1	52 6		
3	.012 818 8	34 7	.015 020 3	38 8	.017 473 8	43 1	.020 196 6	47 8	.023 206 7	52 7		
4	.012 853 5	34 8	.015 059 1	38 8	.017 516 9	43 2	.020 244 4	47 8	.023 259 4	52 8		
5	.012 888 3	34 9	.015 097 9	39 0	.017 560 1	43 3	.020 292 2	47 9	.023 312 2	52 9		
6	.012 923 2	34 9	.015 136 9	38 9	.017 603 4	43 4	.020 340 1	48 0	.023 365 1	53 0		
7	.012 958 1	35 0	.015 175 8	39 1	.017 646 8	43 4	.020 388 1	48 1	.023 418 1	53 0		
8	.012 993 1	35 0	.015 214 9	39 1	.017 690 2	43 5	.020 436 2	48 2	.023 471 1	53 1		
9	.013 028 1	35 1	.015 254 0	39 2	.017 733 7	43 6	.020 484 4	48 2	.023 524 2	53 3		
10	.013 063 2	35 2	.015 293 2	39 3	.017 777 3	43 6	.020 532 6	48 3	.023 577 5	53 3		
11	.013 098 4	35 2	.015 322 5	39 4	.017 820 9	43 7	.020 580 9	48 4	.023 630 8	53 4		
12	.013 133 6	35 3	.015 371 9	39 4	.017 864 6	43 8	.020 629 3	48 5	.023 684 2	53 4		
13	.013 168 9	35 4	.015 411 3	39 4	.017 908 4	43 9	.020 677 8	48 6	.023 737 6	53 6		
14	.013 204 3	35 5	.015 450 7	39 6	.017 952 3	44 0	.020 726 4	48 6	.023 791 2	53 7		
15	.013 239 8	35 5	.015 490 3	39 6	.017 996 3	44 0	.020 775 0	48 8	.023 844 9	53 7		
16	.013 275 3	35 5	.015 529 9	39 7	.018 040 3	44 1	.020 823 8	48 8	.023 898 6	53 8		
17	.013 310 8	35 7	.015 569 6	39 8	.018 084 4	44 2	.020 872 6	48 9	.023 952 4	53 9		
18	.013 346 5	35 7	.015 609 4	39 8	.018 128 6	44 2	.020 921 5	48 9	.024 006 3	54 0		
19	.013 382 2	35 8	.015 649 2	39 9	.018 172 8	44 4	.020 970 4	49 1	.024 060 3	54 1		
20	.013 418 0	35 8	.015 689 1	40 0	.018 217 2	44 4	.021 019 5	49 1	.024 114 4	54 2		
21	.013 453 8	35 9	.015 729 1	40 1	.018 261 6	44 5	.021 068 6	49 2	.024 168 6	54 2		
22	.013 489 7	36 0	.015 769 2	40 1	.018 306 1	44 5	.021 117 8	49 3	.024 222 8	54 4		
23	.013 525 7	36 0	.015 809 3	40 2	.018 350 6	44 7	.021 167 1	49 4	.024 277 2	54 4		
24	.013 561 7	36 1	.015 849 5	40 3	.018 395 3	44 7	.021 216 5	49 5	.024 331 6	54 5		
25	.013 597 8	36 2	.015 889 8	40 3	.018 440 0	44 8	.021 266 0	49 5	.024 386 1	54 6		
26	.013 634 0	36 2	.015 930 1	40 4	.018 484 8	44 8	.021 315 5	49 6	.024 440 7	54 7		
27	.013 670 2	36 3	.015 970 5	40 5	.018 529 6	45 0	.021 365 1	49 7	.024 495 4	54 8		
28	.013 706 5	36 4	.016 011 0	40 6	.018 574 6	45 0	.021 414 8	49 8	.024 550 2	54 8		
29	.013 742 9	36 5	.016 051 6	40 6	.018 619 6	45 1	.021 464 6	49 9	.024 605 0	55 0		
30	.013 779 4	36 5	.016 092 2	40 7	.018 664 7	45 2	.021 514 5	49 9	.024 660 0	55 0		
31	.013 815 9	36 6	.016 132 9	40 8	.018 709 9	45 2	.021 564 4	50 1	.024 715 0	55 2		
32	.013 852 5	36 6	.016 173 7	40 8	.018 755 1	45 3	.021 614 5	50 1	.024 770 2	55 2		
33	.013 889 1	36 7	.016 214 5	40 9	.018 800 4	45 4	.021 664 6	50 2	.024 825 4	55 3		
34	.013 925 8	36 8	.016 255 4	41 0	.018 845 8	45 5	.021 714 8	50 3	.024 880 7	55 4		
35	.013 962 6	36 8	.016 296 4	41 1	.018 891 3	45 6	.021 765 1	50 3	.024 936 1	55 5		
36	.013 999 4	37 0	.016 337 5	41 1	.018 936 9	45 6	.021 815 4	50 5	.024 991 6	55 5		
37	.014 036 4	37 0	.016 378 6	41 2	.018 982 5	45 7	.021 865 9	50 5	.025 047 1	55 7		
38	.014 073 4	37 0	.016 419 8	41 3	.019 028 2	45 8	.021 916 4	50 6	.025 102 8	55 7		
39	.014 110 4	37 1	.016 461 1	41 3	.019 074 0	45 9	.021 967 0	50 7	.025 158 5	55 8		
40	.014 147 5	37 2	.016 502 4	41 5	.019 119 9	46 0	.022 017 7	50 8	.025 214 3	56 0		
41	.014 184 7	37 3	.016 543 9	41 5	.019 165 9	46 0	.022 068 5	50 8	.025 270 3	56 0		
42	.014 222 0	37 3	.016 585 4	41 5	.019 211 9	46 1	.022 119 3	51 0	.025 326 3	56 1		
43	.014 259 3	37 4	.016 626 9	41 7	.019 258 0	46 2	.022 170 3	51 0	.025 382 4	56 2		
44	.014 296 7	37 5	.016 668 6	41 7	.019 304 2	46 2	.022 221 3	51 1	.025 438 6	56 2		
45	.014 334 2	37 5	.016 710 3	41 8	.019 350 4	46 4	.022 272 4	51 2	.025 494 8	56 4		
46	.014 371 7	37 6	.016 752 1	41 8	.019 396 8	46 4	.022 323 6	51 3	.025 551 2	56 4		
47	.014 409 3	37 7	.016 793 9	42 0	.019 443 2	46 5	.022 374 9	51 3	.025 607 6	56 6		
48	.014 447 0	37 7	.016 835 9	42 0	.019 489 7	46 6	.022 426 2	51 5	.025 664 2	56 6		
49	.014 484 7	37 8	.016 877 9	42 1	.019 536 3	46 6	.022 477 7	51 5	.025 720 8	56 7		
50	.014 522 5	37 9	.016 920 0	42 1	.019 582 9	46 7	.022 529 2	51 6	.025 777 5	56 8		
51	.014 560 4	37 9	.016 962 1	42 3	.019 629 6	46 9	.022 580 8	51 7	.025 834 3	56 9		
52	.014 598 3	38 0	.017 004 4	42 3	.019 676 5	46 8	.022 632 5	51 8	.025 891 2	57 0		
53	.014 636 3	38 1	.017 046 7	42 4	.019 723 3	47 0	.022 684 3	51 8	.025 948 2	57 1		
54	.014 674 4	38 2	.017 089 1	42 4	.019 770 3	47 1	.022 736 1	52 0	.026 005 3	57 2		
55	.014 712 6	38 2	.017 131 5	42 5	.019 817 4	47 1	.022 788 1	52 0	.026 062 5	57 2		
56	.014 750 8	38 3	.017 174 0	42 6	.019 864 5	47 2	.022 840 1	52 1	.026 119 7	57 4		
57	.014 789 1	38 4	.017 216 6	42 7	.019 911 7	47 3	.022 892 2	52 2	.026 177 1	57 4		
58	.014 827 5	38 4	.017 259 3	42 8	.019 959 0	47 3	.022 944 4	52 3	.026 234 5	57 5		
59	.014 865 9	38 5	.017 302 1	42 8	.020 006 3	47 5	.022 996 7	52 4	.026 292 0	57 7		
60	.014 904 4		.017 344 9		.020 053 8		.022 049 1		.026 349 7			

Involute function ③

α° α'	24		25		26		27		28	
	inv α	Differ	inv α	Differ	inv α	Differ	inv α	Differ	inv α	Differ
0	.026 349 7	57 7	.029 975 3	63 3	.033 947 0	69 2	.038 286 6	75 5	.043 017 2	82 3
1	.026 407 4	57 8	.030 038 6	63 4	.034 016 2	69 4	.038 362 1	75 7	.043 099 5	82 4
2	.026 465 2	57 9	.030 102 0	63 5	.034 085 6	69 4	.038 437 8	75 8	.043 181 9	82 6
3	.026 523 1	57 9	.030 165 5	63 6	.034 155 0	69 6	.038 513 6	75 9	.043 264 5	82 6
4	.026 581 0	58 1	.030 229 1	63 7	.034 224 6	69 6	.038 589 5	76 0	.043 347 1	82 8
5	.026 639 1	58 2	.030 292 8	63 8	.034 294 2	69 8	.038 665 5	76 1	.043 429 9	82 9
6	.026 697 3	58 2	.030 356 6	63 9	.034 364 0	69 9	.038 741 6	76 3	.043 512 8	82 9
7	.026 755 5	58 4	.030 420 5	63 9	.034 433 9	69 9	.038 817 9	76 3	.043 595 7	83 2
8	.026 813 9	58 4	.030 484 4	64 1	.034 503 8	70 1	.038 894 2	76 4	.043 678 9	83 2
9	.026 872 3	58 5	.030 548 5	64 2	.034 573 9	70 2	.038 970 6	76 6	.043 762 1	83 3
10	.026 930 8	58 6	.030 612 7	64 2	.034 644 1	70 3	.039 047 2	76 7	.043 845 4	83 5
11	.026 989 4	58 7	.030 676 9	64 4	.034 714 4	70 3	.039 123 9	76 7	.043 928 9	83 5
12	.027 048 1	58 8	.030 741 3	64 5	.034 784 7	70 5	.039 200 6	76 9	.044 012 4	83 7
13	.027 106 9	58 9	.030 805 8	64 5	.034 855 2	70 6	.039 277 5	77 0	.044 096 1	83 8
14	.027 165 8	59 0	.030 870 3	64 7	.035 925 8	70 7	.039 354 5	77 1	.044 179 9	84 0
15	.027 224 8	59 1	.030 935 0	64 7	.035 996 5	70 8	.039 431 6	77 2	.044 263 9	84 0
16	.027 283 9	59 1	.030 999 7	64 9	.035 067 3	70 9	.039 508 8	77 4	.044 347 9	84 2
17	.027 343 0	59 3	.031 064 6	64 9	.035 138 2	71 0	.039 586 2	77 4	.044 432 1	84 2
18	.027 402 3	59 4	.031 129 5	65 1	.035 209 2	71 1	.039 663 6	77 5	.044 516 3	84 4
19	.027 461 7	59 4	.031 194 6	65 1	.035 280 3	71 2	.039 741 1	77 7	.044 600 7	84 6
20	.027 521 1	59 5	.031 259 7	65 3	.035 351 5	71 3	.039 818 8	77 8	.044 685 3	84 6
21	.027 580 6	59 7	.031 325 0	65 3	.035 422 8	71 4	.039 896 6	77 9	.044 769 9	84 7
22	.027 640 3	59 7	.031 390 3	65 4	.035 494 2	71 6	.039 974 5	77 9	.044 854 6	84 9
23	.027 700 0	59 8	.031 455 7	65 6	.035 565 8	71 6	.040 052 4	78 2	.044 939 5	85 0
24	.027 759 8	59 9	.031 521 3	65 6	.035 637 4	71 7	.040 130 6	78 2	.045 024 5	85 1
25	.027 819 7	60 0	.031 586 9	65 8	.035 709 1	71 9	.040 208 8	78 3	.045 109 6	85 2
26	.027 879 7	60 1	.031 652 7	65 8	.035 781 0	71 9	.040 287 1	78 4	.045 194 8	85 3
27	.027 939 8	60 1	.031 718 5	65 9	.035 852 9	72 0	.040 365 5	78 6	.045 280 1	85 5
28	.027 999 9	60 3	.031 784 4	66 0	.035 924 9	72 2	.040 444 1	78 6	.045 365 6	85 6
29	.028 060 2	60 4	.031 850 4	66 2	.035 997 1	72 3	.040 522 7	78 8	.045 451 2	85 7
30	.028 120 6	60 4	.031 916 6	66 2	.036 069 4	72 3	.040 601 5	78 9	.045 536 9	85 8
31	.028 181 0	60 6	.031 982 8	66 3	.036 141 7	72 5	.040 680 4	79 0	.045 622 7	85 9
32	.028 241 6	60 6	.032 049 1	66 5	.036 214 2	72 6	.040 759 4	79 1	.045 708 6	86 1
33	.028 302 2	60 8	.032 115 6	66 5	.036 286 8	72 6	.040 838 5	79 2	.045 794 7	86 1
34	.028 363 0	60 9	.032 182 1	66 6	.036 359 4	72 8	.040 917 7	79 3	.045 880 8	86 3
35	.028 423 8	61 9	.032 248 7	66 7	.036 432 2	72 9	.040 997 0	79 5	.045 967 1	86 4
36	.028 484 7	61 1	.032 315 4	66 9	.036 505 1	73 0	.041 076 5	79 6	.046 053 5	86 6
37	.028 545 8	61 1	.032 382 3	66 9	.036 578 1	73 1	.041 156 1	79 6	.046 140 1	86 6
38	.028 606 9	61 2	.032 449 2	67 0	.036 651 2	73 2	.041 235 7	79 8	.046 226 7	86 8
39	.028 668 1	61 3	.032 516 2	67 1	.036 724 4	73 3	.041 315 5	79 9	.046 313 5	86 9
40	.028 729 4	61 4	.032 583 3	67 3	.036 797 7	73 5	.041 395 4	80 0	.046 400 4	87 0
41	.028 790 8	61 5	.032 650 6	67 3	.036 871 2	73 5	.041 475 4	80 1	.046 487 4	87 1
42	.028 852 3	61 6	.032 717 9	67 4	.036 944 7	73 6	.041 555 5	80 3	.046 574 5	87 3
43	.028 913 9	61 6	.032 785 3	67 5	.037 018 3	73 8	.041 635 8	80 3	.046 661 8	87 3
44	.028 975 5	61 8	.032 852 8	67 7	.037 092 1	73 8	.041 716 1	80 5	.046 749 1	87 5
45	.029 037 3	61 9	.032 920 5	67 7	.037 165 9	74 0	.041 796 6	80 6	.046 836 6	87 6
46	.029 099 2	62 0	.032 988 2	67 8	.037 239 9	74 0	.041 877 2	80 7	.046 924 2	87 8
47	.029 161 2	62 0	.033 056 0	67 9	.037 313 9	74 2	.041 957 9	80 8	.047 012 0	87 8
48	.029 223 2	62 2	.033 123 9	68 1	.037 388 1	74 3	.042 038 7	80 9	.047 099 8	88 0
49	.029 285 4	62 2	.033 192 0	68 1	.037 462 4	74 4	.042 119 6	81 0	.047 187 8	88 1
50	.029 347 6	62 4	.033 260 1	68 2	.037 536 8	74 5	.042 200 6	81 2	.047 275 9	88 2
51	.029 410 0	62 4	.033 328 3	68 4	.037 611 3	74 6	.042 281 8	81 2	.047 364 1	88 4
52	.029 472 4	62 5	.033 396 7	68 4	.037 685 9	74 7	.042 363 0	81 4	.047 452 5	88 4
53	.029 534 9	62 7	.033 465 1	68 5	.037 760 6	74 8	.042 444 4	81 5	.047 540 9	88 6
54	.029 597 6	62 7	.033 533 6	68 7	.037 835 4	74 9	.042 525 9	81 6	.047 629 5	88 7
55	.029 660 3	62 8	.033 602 3	68 7	.037 910 3	75 0	.042 607 5	81 7	.047 718 2	88 8
56	.029 723 1	62 9	.033 671 0	68 8	.037 985 3	75 2	.042 689 2	81 8	.047 807 0	89 0
57	.029 786 0	63 0	.033 739 8	69 0	.038 060 5	75 2	.042 771 0	82 0	.047 896 0	89 1
58	.029 849 0	63 1	.033 808 8	69 0	.038 135 7	75 4	.042 853 0	82 1	.047 985 1	89 2
59	.029 912 1	63 2	.033 877 8	69 2	.038 211 1	75 5	.042 935 1	82 1	.048 074 3	89 3
60	.029 975 3		.033 947 0		.038 286 6		.043 017 2		.048 163 6	

Involute function ④

α° α'	29		30		31		32		33	
	inv α	Differ	inv α	Differ	inv α	Differ	inv α	Differ	inv α	Differ
0	.048 163 6	89 4	.053 751 5	97 0	.059 808 6	105 0	.066 364 0	113 6	.073 448 9	122 8
1	.048 253 0	89 6	.053 848 5	97 2	.059 913 6	105 3	.066 477 6	113 9	.073 571 7	122 9
2	.048 342 6	89 7	.053 945 7	97 3	.060 018 9	105 3	.066 591 5	113 9	.073 694 6	123 1
3	.048 432 3	89 8	.054 043 0	97 4	.060 124 2	105 5	.066 705 4	114 1	.073 817 7	123 2
4	.048 522 1	89 9	.054 140 4	97 5	.060 229 7	105 7	.066 819 5	114 2	.073 940 9	123 4
5	.048 612 0	90 0	.054 237 9	97 7	.060 335 4	105 8	.066 933 7	114 4	.074 064 3	123 5
6	.048 702 0	90 2	.054 335 6	97 8	.060 441 2	105 9	.067 048 1	114 6	.074 187 8	123 7
7	.048 792 2	90 3	.054 433 4	98 0	.060 547 1	106 1	.067 162 7	114 7	.074 311 5	123 9
8	.048 882 5	90 5	.054 531 4	98 1	.060 653 2	106 2	.067 277 4	114 8	.074 435 4	124 0
9	.048 973 0	90 5	.054 629 5	98 2	.060 759 4	106 3	.067 392 2	115 0	.074 559 4	124 1
10	.049 063 5	90 7	.054 727 7	98 3	.060 865 7	106 5	.067 507 2	115 1	.074 683 5	124 4
11	.049 154 2	90 8	.054 826 0	98 5	.060 972 2	106 6	.067 622 3	115 3	.074 807 9	124 5
12	.049 245 0	90 9	.054 924 5	98 6	.061 078 8	106 8	.067 737 6	115 4	.074 932 4	124 6
13	.049 335 9	91 0	.055 023 1	98 7	.061 185 6	106 9	.067 853 0	115 6	.075 057 0	124 8
14	.049 426 9	91 2	.055 121 8	98 9	.061 292 5	107 0	.067 968 6	115 7	.075 181 8	125 0
15	.049 518 1	91 3	.055 220 7	99 0	.061 399 5	107 2	.068 084 3	115 9	.075 306 8	125 1
16	.049 609 4	91 4	.055 319 7	99 1	.061 506 7	107 3	.068 200 2	116 0	.075 431 9	125 2
17	.049 700 8	91 6	.055 418 8	99 3	.061 614 0	107 5	.068 316 2	116 2	.075 557 1	125 5
18	.049 792 4	91 6	.055 518 1	99 4	.061 721 5	107 6	.068 432 4	116 3	.075 682 6	125 6
19	.049 884 0	91 8	.055 617 5	99 5	.061 829 1	107 7	.068 548 7	116 5	.075 808 2	125 7
20	.049 975 8	91 9	.055 717 0	99 6	.061 936 8	107 9	.068 665 2	116 6	.075 933 9	125 9
21	.050 067 7	92 1	.055 816 6	99 8	.062 044 7	108 0	.068 781 8	116 8	.076 059 8	126 1
22	.050 159 8	92 1	.055 916 4	100 0	.062 152 7	108 2	.068 898 6	116 9	.076 185 9	126 2
23	.050 251 9	92 3	.056 016 4	100 0	.062 260 9	108 3	.069 015 5	117 1	.076 312 1	126 4
24	.050 344 2	92 5	.056 116 4	100 2	.062 369 2	108 5	.069 132 6	117 3	.076 438 5	126 6
25	.050 436 7	92 5	.056 216 6	100 3	.062 477 7	108 6	.069 249 9	117 3	.076 565 1	126 7
26	.050 529 2	92 7	.056 316 9	100 5	.062 586 3	108 7	.069 367 2	117 6	.076 691 8	126 9
27	.050 621 9	92 8	.056 417 4	100 6	.062 695 0	108 9	.069 484 8	117 6	.076 818 7	127 0
28	.050 714 7	92 9	.056 518 0	100 7	.062 803 9	109 0	.069 602 4	117 9	.076 945 7	127 2
29	.050 807 6	93 0	.056 618 7	100 9	.062 912 9	109 2	.069 720 3	118 0	.077 072 9	127 4
30	.050 900 6	93 2	.056 719 6	101 0	.063 022 1	109 3	.069 838 3	118 1	.077 200 3	127 5
31	.050 993 8	93 3	.056 820 6	101 1	.063 131 4	109 4	.069 956 4	118 3	.077 327 8	127 7
32	.051 087 1	93 5	.056 921 7	101 3	.063 240 8	109 6	.070 074 7	118 4	.077 455 5	127 8
33	.051 180 6	93 5	.057 023 0	101 4	.063 350 4	109 8	.070 193 1	118 6	.077 583 3	128 0
34	.051 274 1	93 7	.057 124 4	101 5	.063 460 2	109 8	.070 311 7	118 7	.077 711 3	128 2
35	.051 367 8	93 8	.057 225 9	101 7	.063 570 0	110 1	.070 430 4	118 9	.077 839 5	128 3
36	.051 461 6	93 9	.057 327 6	101 8	.063 680 1	110 1	.070 549 3	119 1	.077 967 8	128 5
37	.051 555 5	94 1	.057 429 4	101 9	.063 790 2	110 3	.070 668 4	119 2	.078 096 3	128 6
38	.051 649 6	94 2	.057 531 3	102 1	.063 900 5	110 5	.070 787 6	119 3	.078 224 9	128 8
39	.051 743 8	94 3	.057 633 4	102 2	.064 011 0	110 6	.070 906 9	119 6	.078 353 7	129 0
40	.051 838 1	94 5	.057 735 6	102 4	.064 121 6	110 7	.071 026 5	119 6	.078 482 7	129 1
41	.051 932 6	94 5	.057 838 0	102 5	.064 232 3	110 9	.071 146 1	119 8	.078 611 8	129 3
42	.052 027 1	94 7	.057 940 5	102 6	.064 343 2	111 0	.071 265 9	120 0	.078 741 1	129 5
43	.052 121 8	94 9	.058 043 1	102 7	.064 454 2	111 2	.071 385 9	120 1	.078 870 6	129 6
44	.052 216 7	94 9	.058 145 8	102 9	.064 565 4	111 3	.071 506 0	120 3	.079 000 2	129 8
45	.052 311 6	95 1	.058 248 7	103 1	.064 676 7	111 5	.071 626 3	120 4	.079 130 0	130 0
46	.052 406 7	95 2	.058 351 8	103 1	.064 788 2	111 6	.071 746 7	120 6	.079 260 0	130 1
47	.052 501 9	95 4	.058 454 9	103 3	.064 899 8	111 8	.071 867 3	120 7	.079 390 1	130 3
48	.052 597 3	95 5	.058 558 2	103 5	.065 011 6	111 9	.071 988 0	120 9	.079 520 4	130 4
49	.052 692 8	95 6	.058 661 7	103 5	.065 123 5	112 0	.072 108 9	121 1	.079 650 8	130 6
50	.052 788 4	95 7	.058 765 2	103 8	.065 235 5	112 2	.072 230 0	121 2	.079 781 4	130 8
51	.052 884 1	95 9	.058 869 0	103 8	.065 347 7	112 3	.072 351 2	121 3	.079 912 2	130 9
52	.052 980 0	95 9	.058 972 8	104 0	.065 460 0	112 5	.072 472 5	121 5	.080 043 1	131 1
53	.053 075 9	96 2	.059 076 8	104 1	.065 572 5	112 6	.072 594 0	121 7	.080 174 2	131 3
54	.053 172 1	96 2	.059 180 9	104 3	.065 685 1	112 8	.072 715 7	121 8	.080 305 5	131 4
55	.053 268 3	96 4	.059 285 2	104 4	.065 797 9	112 9	.072 837 5	122 0	.080 436 9	131 6
56	.053 364 7	96 5	.059 389 6	104 5	.065 910 8	113 1	.072 959 5	122 1	.080 568 5	131 8
57	.053 461 2	96 6	.059 494 1	104 7	.066 023 9	113 2	.073 081 6	122 3	.080 700 3	131 9
58	.053 557 8	96 8	.059 598 8	104 8	.066 137 1	113 4	.073 203 9	122 4	.080 832 2	132 1
59	.053 654 6	96 9	.059 703 6	105 0	.066 250 5	113 5	.073 326 3	122 6	.080 964 3	132 3
60	.053 751 5		.059 808 6		.066 364 0		.073 448 9		.081 096 6	