CHUNG LU Lagrange roots

Index x f(for good solution approaches 0) degree of node

1 1.795426 0.000000 1243

2 1.649991 0.000000 1079

3 1.571051 0.000061 999

4 1.336546 -0.000122 794

5 1.211250 0.000061 702

6 1.180391 0.000061 681

7 1.125245 0.000061 645

8 1.088402 0.000061 622

9 0.990972 -0.000061 565

10 0.778561 0.000031 458

11 0.618872 0.000000 391

12 0.541149 0.000031 362

13 0.535563 0.000031 360

14 0.460011 0.000000 334

15 0.456989 0.000000 333

16 0.407386 0.000000 317

17 0.397810 0.000031 314

18 0.300250 0.000031 285

19 0.245844 -0.000031 270

20 0.176445 0.000000 252

21 0.156292 0.000000 247

22 0.148117 0.000031 245

23 0.135729 0.000015 242

24 -0.045841 0.000000 202

25 -0.156083 0.000031 181

26 -0.178520 0.000000 177

27 -0.189929 0.000000 175

28 -0.195682 -0.000015 174

29 -0.224950 0.000000 169

30 -0.311737 0.000015 155

31 -0.371758 0.000000 146

32 -0.378653 0.000015 145

33 -0.385596 0.000015 144

34 -0.421047 0.000015 139

35 -0.450335 0.000000 135

36 -0.535575 0.000023 124

37 -0.568454 0.000008 120

38 -0.576844 0.000000 119

39 -0.602445 -0.000008 116

40 -0.619881 0.000008 114

41 -0.655688 0.000008 110

42 -0.692819 0.000008 106

43 -0.702320 0.000008 105

44 -0.721596 0.000015 103

45 -0.813231 -0.000008 94

46 -0.834782 0.000000 92

47 -0.845733 -0.000008 91

48 -0.856805 0.000000 90

49 -0.868001 -0.000008 89

50 -0.879323 -0.000008 88

51 -0.890774 0.000000 87

52 -0.902357 0.000000 86

53 -0.914075 0.000000 85

54 -0.925932 0.000000 84

55 -0.937930 0.000008 83

56 -0.962366 -0.000008 81

57 -0.987412 -0.000015 79

58 -1.000174 0.000000 78

59 -1.013099 0.000000 77

60 -1.052906 0.000000 74

61 -1.066534 0.000015 73

62 -1.094358 0.000008 71

63 -1.108565 0.000000 70

64 -1.122976 0.000000 69

65 -1.137597 0.000015 68

66 -1.167495 0.000008 66

67 -1.198311 0.000015 64

68 -1.214082 0.000000 63

69 -1.230104 0.000000 62

70 -1.262938 -0.000004 60

71 -1.296885 0.000004 58

72 -1.314299 0.000004 57

73 -1.350061 -0.000004 55

74 -1.368433 -0.000004 54

75 -1.406217 0.000008 52

76 -1.425657 0.000000 51

77 -1.445482 0.000000 50

78 -1.465707 0.000004 49

79 -1.486349 0.000000 48

80 -1.507425 0.000000 47

81 -1.528953 0.000000 46

82 -1.550954 0.000004 45

83 -1.573449 0.000004 44

84 -1.596461 0.000004 43

85 -1.620014 0.000000 42

86 -1.644133 -0.000004 41

87 -1.668848 0.000000 40

88 -1.694188 0.000004 39

89 -1.720186 0.000004 38

90 -1.746877 0.000000 37

91 -1.774298 0.000000 36

92 -1.802491 0.000000 35

93 -1.831500 0.000008 34

94 -1.861376 0.000008 33

95 -1.892170 -0.000002 32

96 -1.923941 0.000000 31

97 -1.956753 -0.000002 30

98 -1.990676 0.000004 29

99 -2.025790 0.000002 28

100 -2.062180 -0.000002 27

101 -2.099942 -0.000002 26

102 -2.139185 0.000002 25

103 -2.180029 0.000002 24

104 -2.222611 0.000008 23

105 -2.267085 0.000004 22

106 -2.313627 -0.000002 21

107 -2.362440 -0.000002 20

108 -2.413755 0.000000 19

109 -2.467845 -0.000004 18

110 -2.525025 -0.000002 17

111 -2.585672 -0.000001 16

112 -2.650233 -0.000001 15

113 -2.719247 0.000003 14

114 -2.793378 -0.000001 13

115 -2.873443 0.000000 12

116 -2.960476 0.000002 11

117 -3.055809 0.000002 10

118 -3.161191 0.000000 9

119 -3.278996 -0.000000 8

120 -3.412550 0.000000 7

121 -3.566723 0.000000 6

122 -3.749066 0.000000 5

123 -3.972233 -0.000001 4

124 -4.259936 0.000000 3

125 -4.665424 -0.000000 2

126 -5.358593 0.000000 1

Exponential Model Roots

Index x f degree

1 2.833160 0.000000 1243

2 2.632622 -0.000122 1079

3 2.524697 0.000000 999

4 2.207526 -0.000061 794

5 2.039977 0.000000 702

6 1.998901 -0.000061 681

7 1.925674 0.000000 645

8 1.876879 0.000000 622

9 1.748307 0.000000 565

10 1.470222 0.000031 458

11 1.263008 0.000000 391

12 1.162683 -0.000031 362

13 1.155485 -0.000061 360

14 1.058293 0.000000 334

15 1.054413 -0.000031 333

16 0.990769 0.000031 317

17 0.978495 -0.000031 314

18 0.853711 -0.000031 285

19 0.784311 -0.000031 270

20 0.695970 -0.000031 252

21 0.670353 0.000000 247

22 0.659966 0.000000 245

23 0.644232 -0.000015 242

24 0.414266 -0.000015 202

25 0.275183 -0.000015 181

26 0.246921 -0.000031 177

27 0.232557 0.000000 175

28 0.225315 0.000000 174

29 0.188486 -0.000015 169

30 0.079422 0.000000 155

31 0.004117 0.000000 146

32 -0.004528 -0.000015 145

33 -0.013231 0.000000 144

34 -0.057652 -0.000015 139

35 -0.094325 0.000000 135

36 -0.200925 -0.000015 124

37 -0.241991 -0.000008 120

38 -0.252466 0.000008 119

39 -0.284414 -0.000015 116

40 -0.306163 -0.000008 114

41 -0.350801 0.000000 110

42 -0.397048 0.000000 106

43 -0.408876 -0.000008 105

44 -0.432863 -0.000015 103

45 -0.546743 0.000000 94

46 -0.573487 0.000008 92

47 -0.587072 -0.000008 91

48 -0.600802 0.000000 90

49 -0.614681 0.000000 89

50 -0.628713 0.000000 88

51 -0.642900 -0.000008 87

52 -0.657247 -0.000008 86

53 -0.671756 0.000008 85

54 -0.686432 -0.000008 84

55 -0.701279 0.000000 83

56 -0.731499 0.000008 81

57 -0.762452 -0.000008 79

58 -0.778214 0.000015 78

59 -0.794173 0.000008 77

60 -0.843283 0.000008 74

61 -0.860082 0.000000 73

62 -0.894359 -0.000008 71

63 -0.911848 -0.000008 70

64 -0.929581 0.000000 69

65 -0.947563 0.000000 68

66 -0.984307 0.000000 66

67 -1.022142 -0.000008 64

68 -1.041488 0.000000 63

69 -1.061133 0.000000 62

70 -1.101355 0.000000 60

71 -1.142889 0.000000 58

72 -1.164174 0.000004 57

73 -1.207844 0.000000 55

74 -1.230254 0.000000 54

75 -1.276294 0.000000 52

76 -1.299954 -0.000004 51

77 -1.324063 -0.000004 50

78 -1.348637 0.000004 49

79 -1.373696 -0.000004 48

80 -1.399260 0.000004 47

81 -1.425348 -0.000004 46

82 -1.451983 0.000004 45

83 -1.479189 0.000004 44

84 -1.506991 0.000000 43

85 -1.535416 0.000000 42

86 -1.564492 0.000004 41

87 -1.594251 0.000000 40

88 -1.624726 0.000004 39

89 -1.655951 -0.000004 38

90 -1.687967 -0.000004 37

91 -1.720813 0.000000 36

92 -1.754535 0.000000 35

93 -1.789182 0.000000 34

94 -1.824806 0.000000 33

95 -1.861464 0.000000 32

96 -1.899220 0.000002 31

97 -1.938141 0.000000 30

98 -1.978305 -0.000002 29

99 -2.019794 -0.000002 28

100 -2.062699 -0.000002 27

101 -2.107124 -0.000006 26

102 -2.153181 0.000002 25

103 -2.200999 0.000002 24

104 -2.250720 0.000002 23

105 -2.302506 -0.000002 22

106 -2.356542 -0.000004 21

107 -2.413036 0.000000 20

108 -2.472231 0.000000 19

109 -2.534407 0.000000 18

110 -2.599890 -0.000002 17

111 -2.669065 -0.000002 16

112 -2.742393 0.000000 15

113 -2.820424 0.000001 14

114 -2.903831 0.000001 13

115 -2.993448 0.000002 12

116 -3.090322 -0.000003 11

117 -3.195799 0.000001 10

118 -3.311645 0.000001 9

119 -3.440250 -0.000001 8

120 -3.584957 0.000000 7

121 -3.750656 0.000000 6

122 -3.944919 0.000000 5

123 -4.180418 -0.000000 4

124 -4.480893 0.000000 3

125 -4.899611 -0.000001 2

126 -5.606496 -0.000000 1