

## Κατάλογος τῶν Συγκερασμῶν ὄλων τῶν Βυζαντινῶν Χρωματικῶν Κλιμάκων τοῦ Νεανῆς μέχρι καὶ σὲ 1200 μουσικὰ διαστήματα (κόμματα)

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### 1. Εἰσαγωγή

Σὲ αὐτὸ τὸ κείμενο, ἐφαρμόζουμε τὴν μέθοδο συγκερασμοῦ μας<sup>1</sup>, στὶς διάφορες **νεανῆς κλίμακες** Βυζαντινῆς μουσικῆς ποὺ ἀπαντῶνται στὰ διάφορα θεωρητικὰ βιβλία. Ἡ μέθοδος μοντελοποίησης (modelling of data) στὴν μέθοδο συγκερασμοῦ μας, ποὺ ἀκολουθοῦμε σὲ αὐτὸν τὸν κατάλογο, εἶναι αὐτὴ τῶν ἐλαχίστων τετραγώνων.

Ὁ κατάλογος ἔχει ὡς ἐξῆς: Οἱ συγκερασμοὶ εἶναι ταξινομημένοι κατὰ φθίνουσα ἀκρίβεια συγκερασμοῦ, ποὺ δίνεται ἀπὸ τὸν ἀριθμὸ Φ τῆς μεθόδου μας (μικρότερο Φ, μεγαλύτερη ἀκρίβεια συγκερασμοῦ). Ἡ μεταβλητὴ N εἶναι τὸ ἄθροισμα τῶν κομμάτων τῆς συγκερασμένης κλίμακας. Στὸ ἀντίστοιχο N, ὑπάρχει ἓνα διάνυσμα  $t = [t_1, t_2, \dots]$  μὲ τὰ κόμματα (μουσικὰ διαστήματα). Ἡ ἀντιστοίχιση τῶν κομμάτων στὴν κλίμακα, δίνεται πρὶν ἀπὸ κάθε πίνακα συγκερασμῶν.

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<sup>1</sup> Παναγιώτης Δ. Παπαδημητρίου, Μέθοδος συγκερασμοῦ κλιμάκων - οἱ διατονικὲς κλίμακες τοῦ Διδύμου, τῆς Ἐπιτροπῆς, τοῦ Χρυσάνθου, καὶ οἱ συγκράσεις τους, ἔκδ. 29/6/05 [<http://music.analogion.net/>]

## 2. Συγκερασμοί τής κλίμακας [16/15-75/64-16/15-9/8...] - Μέχρι 100 κόμματα

Αυτή ή νεανές κλίμακα είναι ή έξιης<sup>2,3</sup>:

Νη - 16/15 - Πα - 75/64 - Βου - 16/15 - Γα - 9/8 - Δι - 16/15 - Κε - 75/64 - Ζω' - 16/15 - Νη',

Η συγκερασμένη κλίμακα, δίνεται ως έξιης:

Νη -  $t_3$  - Πα -  $t_1$  - Βου -  $t_3$  - Γα -  $t_2$  - Δι -  $t_3$  - Κε -  $t_1$  - Ζω' -  $t_3$  - Νη',

όπου οί τιμές  $t_1$ ,  $t_2$ ,  $t_3$  δίνονται στα αντίστοιχα διανύσματα  $t = [ t_1 t_2 t_3 ]$  στον παρακάτω πίνακα.

1.	N = 65,	t = [ 15 11 6 ],	Φ = 6.7249e-006
2.	N = 96,	t = [ 22 16 9 ],	Φ = 7.4987e-006
3.	N = 87,	t = [ 20 15 8 ],	Φ = 8.1912e-006
4.	N = 53,	t = [ 12 9 5 ],	Φ = 1.0931e-005
5.	N = 75,	t = [ 17 13 7 ],	Φ = 1.3292e-005
6.	N = 97,	t = [ 22 17 9 ],	Φ = 2.2937e-005
7.	N = 84,	t = [ 19 14 8 ],	Φ = 2.5463e-005
8.	N = 99,	t = [ 23 17 9 ],	Φ = 2.8772e-005
9.	N = 74,	t = [ 17 12 7 ],	Φ = 4.2371e-005
10.	N = 77,	t = [ 18 13 7 ],	Φ = 4.3709e-005
11.	N = 43,	t = [ 10 7 4 ],	Φ = 4.9314e-005
12.	N = 86,	t = [ 20 14 8 ],	Φ = 4.9314e-005
13.	N = 94,	t = [ 21 16 9 ],	Φ = 5.3804e-005
14.	N = 85,	t = [ 19 15 8 ],	Φ = 6.5178e-005
15.	N = 98,	t = [ 23 16 9 ],	Φ = 7.6119e-005
16.	N = 63,	t = [ 14 11 6 ],	Φ = 8.0432e-005
17.	N = 100,	t = [ 23 18 9 ],	Φ = 8.5094e-005
18.	N = 78,	t = [ 18 14 7 ],	Φ = 8.5710e-005
19.	N = 31,	t = [ 7 5 3 ],	Φ = 8.6457e-005
20.	N = 62,	t = [ 14 10 6 ],	Φ = 8.6457e-005
21.	N = 93,	t = [ 21 15 9 ],	Φ = 8.6457e-005
22.	N = 89,	t = [ 21 15 8 ],	Φ = 9.1350e-005
23.	N = 56,	t = [ 13 10 5 ],	Φ = 9.2234e-005
24.	N = 22,	t = [ 5 4 2 ],	Φ = 1.0044e-004
25.	N = 44,	t = [ 10 8 4 ],	Φ = 1.0044e-004
26.	N = 66,	t = [ 15 12 6 ],	Φ = 1.0044e-004
27.	N = 88,	t = [ 20 16 8 ],	Φ = 1.0044e-004
28.	N = 72,	t = [ 16 12 7 ],	Φ = 1.0069e-004
29.	N = 95,	t = [ 22 15 9 ],	Φ = 1.0315e-004
30.	N = 90,	t = [ 21 16 8 ],	Φ = 1.0352e-004
31.	N = 55,	t = [ 13 9 5 ],	Φ = 1.1003e-004
32.	N = 83,	t = [ 19 13 8 ],	Φ = 1.3009e-004
33.	N = 34,	t = [ 8 6 3 ],	Φ = 1.3352e-004
34.	N = 68,	t = [ 16 12 6 ],	Φ = 1.3352e-004
35.	N = 64,	t = [ 15 10 6 ],	Φ = 1.5444e-004
36.	N = 41,	t = [ 9 7 4 ],	Φ = 1.5742e-004
37.	N = 82,	t = [ 18 14 8 ],	Φ = 1.5742e-004
38.	N = 76,	t = [ 17 14 7 ],	Φ = 1.6220e-004

<sup>2</sup> Άγγελος Κ. Δεβρελής, Βυζαντινή Έκκλησιαστική Μουσική - Βασικές έννοιες, Θεσσαλονίκη 1994, σ. 45.

<sup>3</sup> Άβραάμ Χ. Εύθυμιάδης, Μαθήματα Βυζαντινής Έκκλησιαστικής Μουσικής, έκδ. Δ', Θεσσαλονίκη 1997, σ. 200.

39.	N = 73,	t = [ 16 13 7 ],	Φ = 1.7946e-004
40.	N = 67,	t = [ 16 11 6 ],	Φ = 1.8014e-004
41.	N = 52,	t = [ 12 8 5 ],	Φ = 1.8080e-004
42.	N = 81,	t = [ 18 13 8 ],	Φ = 1.8112e-004
43.	N = 80,	t = [ 19 14 7 ],	Φ = 1.8430e-004
44.	N = 91,	t = [ 20 15 9 ],	Φ = 1.9647e-004
45.	N = 54,	t = [ 12 10 5 ],	Φ = 2.0085e-004
46.	N = 71,	t = [ 16 11 7 ],	Φ = 2.1711e-004
47.	N = 92,	t = [ 20 16 9 ],	Φ = 2.2946e-004
48.	N = 46,	t = [ 11 8 4 ],	Φ = 2.3345e-004
49.	N = 79,	t = [ 19 13 7 ],	Φ = 2.4336e-004
50.	N = 50,	t = [ 11 8 5 ],	Φ = 2.6581e-004
51.	N = 60,	t = [ 13 10 6 ],	Φ = 3.0399e-004
52.	N = 51,	t = [ 11 9 5 ],	Φ = 3.0501e-004
53.	N = 69,	t = [ 16 13 6 ],	Φ = 3.0522e-004
54.	N = 58,	t = [ 14 10 5 ],	Φ = 3.1747e-004
55.	N = 32,	t = [ 7 6 3 ],	Φ = 3.2387e-004
56.	N = 61,	t = [ 14 9 6 ],	Φ = 3.6113e-004
57.	N = 40,	t = [ 9 6 4 ],	Φ = 3.6161e-004
58.	N = 70,	t = [ 15 12 7 ],	Φ = 3.8161e-004
59.	N = 57,	t = [ 13 11 5 ],	Φ = 3.9252e-004
60.	N = 59,	t = [ 14 11 5 ],	Φ = 4.1506e-004
61.	N = 33,	t = [ 8 5 3 ],	Φ = 4.6064e-004
62.	N = 47,	t = [ 11 9 4 ],	Φ = 4.6245e-004
63.	N = 45,	t = [ 11 7 4 ],	Φ = 4.8886e-004
64.	N = 42,	t = [ 9 8 4 ],	Φ = 5.4635e-004
65.	N = 21,	t = [ 5 3 2 ],	Φ = 5.6146e-004
66.	N = 49,	t = [ 11 7 5 ],	Φ = 6.3741e-004
67.	N = 35,	t = [ 8 7 3 ],	Φ = 6.8066e-004
68.	N = 12,	t = [ 3 2 1 ],	Φ = 8.1481e-004
69.	N = 24,	t = [ 6 4 2 ],	Φ = 8.1481e-004
70.	N = 36,	t = [ 9 6 3 ],	Φ = 8.1481e-004
71.	N = 48,	t = [ 12 8 4 ],	Φ = 8.1481e-004
72.	N = 37,	t = [ 9 7 3 ],	Φ = 8.1976e-004
73.	N = 19,	t = [ 4 3 2 ],	Φ = 8.4900e-004
74.	N = 38,	t = [ 8 6 4 ],	Φ = 8.4900e-004
75.	N = 29,	t = [ 6 5 3 ],	Φ = 8.6381e-004
76.	N = 30,	t = [ 7 4 3 ],	Φ = 9.2513e-004
77.	N = 39,	t = [ 8 7 4 ],	Φ = 9.8128e-004
78.	N = 25,	t = [ 6 5 2 ],	Φ = 1.1003e-003
79.	N = 28,	t = [ 6 4 3 ],	Φ = 1.1480e-003
80.	N = 23,	t = [ 5 5 2 ],	Φ = 1.6694e-003
81.	N = 10,	t = [ 2 2 1 ],	Φ = 1.7402e-003
82.	N = 20,	t = [ 4 4 2 ],	Φ = 1.7402e-003
83.	N = 27,	t = [ 7 5 2 ],	Φ = 2.1739e-003
84.	N = 9,	t = [ 2 1 1 ],	Φ = 2.7943e-003
85.	N = 18,	t = [ 4 2 2 ],	Φ = 2.7943e-003
86.	N = 13,	t = [ 3 3 1 ],	Φ = 2.9199e-003
87.	N = 26,	t = [ 6 6 2 ],	Φ = 2.9199e-003
88.	N = 15,	t = [ 4 3 1 ],	Φ = 4.0034e-003
89.	N = 17,	t = [ 3 3 2 ],	Φ = 4.8530e-003
90.	N = 16,	t = [ 3 2 2 ],	Φ = 5.6527e-003
91.	N = 14,	t = [ 4 2 1 ],	Φ = 5.8939e-003
92.	N = 11,	t = [ 3 1 1 ],	Φ = 6.2286e-003
93.	N = 7,	t = [ 1 1 1 ],	Φ = 1.5229e-002

### 3. Συγκερασμοί τῆς κλίμακας [16/15-75/64-16/15-9/8...] - Μέχρι 1200 κόμματα

Αὐτὴ ἢ νεανὲς κλίμακα εἶναι ἡ ἐξῆς<sup>45</sup>:

Νη - 16/15 - Πα - 75/64 - Βου - 16/15 - Γα - 9/8 - Δι - 16/15 - Κε - 75/64 - Ζω' - 16/15 - Νη',

Ἡ συγκερασμένη κλίμακα, δίνεται ὡς ἐξῆς:

Νη -  $t_3$  - Πα -  $t_1$  - Βου -  $t_3$  - Γα -  $t_2$  - Δι -  $t_3$  - Κε -  $t_1$  - Ζω' -  $t_3$  - Νη',

ὅπου οἱ τιμὲς  $t_1$ ,  $t_2$ ,  $t_3$  δίνονται στὰ ἀντίστοιχα διανύσματα  $t = [ t_1 t_2 t_3 ]$  στὸν παρακάτω πίνακα.

1.	N = 1171,	t = [ 268 199 109 ],	Φ = 4.4198e-009
2.	N = 612,	t = [ 140 104 57 ],	Φ = 6.5857e-009
3.	N = 1106,	t = [ 253 188 103 ],	Φ = 8.5812e-009
4.	N = 730,	t = [ 167 124 68 ],	Φ = 9.5716e-009
5.	N = 1053,	t = [ 241 179 98 ],	Φ = 9.9221e-009
6.	N = 494,	t = [ 113 84 46 ],	Φ = 1.5428e-008
7.	N = 988,	t = [ 226 168 92 ],	Φ = 1.5428e-008
8.	N = 848,	t = [ 194 144 79 ],	Φ = 1.6224e-008
9.	N = 935,	t = [ 214 159 87 ],	Φ = 2.2735e-008
10.	N = 966,	t = [ 221 164 90 ],	Φ = 2.3752e-008
11.	N = 795,	t = [ 182 135 74 ],	Φ = 2.6121e-008
12.	N = 913,	t = [ 209 155 85 ],	Φ = 2.7227e-008
13.	N = 1031,	t = [ 236 175 96 ],	Φ = 3.0870e-008
14.	N = 677,	t = [ 155 115 63 ],	Φ = 3.1100e-008
15.	N = 870,	t = [ 199 148 81 ],	Φ = 3.1121e-008
16.	N = 1084,	t = [ 248 184 101 ],	Φ = 3.1142e-008
17.	N = 1149,	t = [ 263 195 107 ],	Φ = 3.5497e-008
18.	N = 1193,	t = [ 273 203 111 ],	Φ = 4.3435e-008
19.	N = 817,	t = [ 187 139 76 ],	Φ = 4.8963e-008
20.	N = 559,	t = [ 128 95 52 ],	Φ = 5.0982e-008
21.	N = 1118,	t = [ 256 190 104 ],	Φ = 5.0982e-008
22.	N = 1159,	t = [ 265 197 108 ],	Φ = 5.3193e-008
23.	N = 376,	t = [ 86 64 35 ],	Φ = 6.3635e-008
24.	N = 752,	t = [ 172 128 70 ],	Φ = 6.3635e-008
25.	N = 1128,	t = [ 258 192 105 ],	Φ = 6.3635e-008
26.	N = 1041,	t = [ 238 177 97 ],	Φ = 6.6167e-008
27.	N = 1000,	t = [ 229 170 93 ],	Φ = 7.2975e-008
28.	N = 1075,	t = [ 246 183 100 ],	Φ = 7.4210e-008
29.	N = 1137,	t = [ 260 193 106 ],	Φ = 7.8775e-008
30.	N = 1019,	t = [ 233 173 95 ],	Φ = 8.0028e-008
31.	N = 1096,	t = [ 251 186 102 ],	Φ = 8.3453e-008
32.	N = 901,	t = [ 206 153 84 ],	Φ = 8.4119e-008
33.	N = 923,	t = [ 211 157 86 ],	Φ = 8.9077e-008
34.	N = 783,	t = [ 179 133 73 ],	Φ = 9.3641e-008
35.	N = 978,	t = [ 224 166 91 ],	Φ = 9.4625e-008
36.	N = 1140,	t = [ 261 194 106 ],	Φ = 9.5232e-008
37.	N = 1181,	t = [ 270 201 110 ],	Φ = 9.8679e-008
38.	N = 699,	t = [ 160 119 65 ],	Φ = 1.0115e-007

<sup>4</sup> Ἄγγελος Κ. Δεβρελῆς, Βυζαντινὴ Ἐκκλησιαστικὴ Μουσικὴ - Βασικὲς ἔννοιες, Θεσσαλονίκη 1994, σ. 45.

<sup>5</sup> Ἀβραάμ Χ. Εὐθυμιάδης, Μαθήματα Βυζαντινῆς Ἐκκλησιαστικῆς Μουσικῆς, ἔκδ. Δ', Θεσσαλονίκη 1997, σ. 200.

39.	N = 1010,	t = [ 231 172 94 ],	Φ = 1.0247e-007
40.	N = 441,	t = [ 101 75 41 ],	Φ = 1.1076e-007
41.	N = 882,	t = [ 202 150 82 ],	Φ = 1.1076e-007
42.	N = 665,	t = [ 152 113 62 ],	Φ = 1.1411e-007
43.	N = 860,	t = [ 197 146 80 ],	Φ = 1.1452e-007
44.	N = 1183,	t = [ 271 201 110 ],	Φ = 1.2378e-007
45.	N = 957,	t = [ 219 163 89 ],	Φ = 1.2408e-007
46.	N = 805,	t = [ 184 137 75 ],	Φ = 1.2963e-007
47.	N = 634,	t = [ 145 108 59 ],	Φ = 1.3024e-007
48.	N = 1063,	t = [ 243 181 99 ],	Φ = 1.3884e-007
49.	N = 118,	t = [ 27 20 11 ],	Φ = 1.4117e-007
50.	N = 236,	t = [ 54 40 22 ],	Φ = 1.4117e-007
51.	N = 354,	t = [ 81 60 33 ],	Φ = 1.4117e-007
52.	N = 472,	t = [ 108 80 44 ],	Φ = 1.4117e-007
53.	N = 590,	t = [ 135 100 55 ],	Φ = 1.4117e-007
54.	N = 708,	t = [ 162 120 66 ],	Φ = 1.4117e-007
55.	N = 826,	t = [ 189 140 77 ],	Φ = 1.4117e-007
56.	N = 944,	t = [ 216 160 88 ],	Φ = 1.4117e-007
57.	N = 1062,	t = [ 243 180 99 ],	Φ = 1.4117e-007
58.	N = 1180,	t = [ 270 200 110 ],	Φ = 1.4117e-007
59.	N = 1127,	t = [ 258 191 105 ],	Φ = 1.4501e-007
60.	N = 1022,	t = [ 234 174 95 ],	Φ = 1.4554e-007
61.	N = 1009,	t = [ 231 171 94 ],	Φ = 1.4847e-007
62.	N = 742,	t = [ 170 126 69 ],	Φ = 1.5044e-007
63.	N = 891,	t = [ 204 151 83 ],	Φ = 1.5373e-007
64.	N = 547,	t = [ 125 93 51 ],	Φ = 1.5858e-007
65.	N = 1094,	t = [ 250 186 102 ],	Φ = 1.5858e-007
66.	N = 1065,	t = [ 244 181 99 ],	Φ = 1.6122e-007
67.	N = 1190,	t = [ 272 202 111 ],	Φ = 1.6139e-007
68.	N = 773,	t = [ 177 131 72 ],	Φ = 1.6212e-007
69.	N = 892,	t = [ 204 152 83 ],	Φ = 1.6594e-007
70.	N = 1161,	t = [ 266 197 108 ],	Φ = 1.6653e-007
71.	N = 655,	t = [ 150 111 61 ],	Φ = 1.7629e-007
72.	N = 764,	t = [ 175 130 71 ],	Φ = 1.7694e-007
73.	N = 1072,	t = [ 245 182 100 ],	Φ = 1.7881e-007
74.	N = 1115,	t = [ 255 189 104 ],	Φ = 1.8400e-007
75.	N = 1192,	t = [ 273 202 111 ],	Φ = 1.8717e-007
76.	N = 1150,	t = [ 263 196 107 ],	Φ = 1.8756e-007
77.	N = 997,	t = [ 228 169 93 ],	Φ = 1.9218e-007
78.	N = 1043,	t = [ 239 177 97 ],	Φ = 1.9774e-007
79.	N = 976,	t = [ 223 166 91 ],	Φ = 1.9911e-007
80.	N = 945,	t = [ 216 161 88 ],	Φ = 2.0165e-007
81.	N = 537,	t = [ 123 91 50 ],	Φ = 2.0225e-007
82.	N = 1074,	t = [ 246 182 100 ],	Φ = 2.0225e-007
83.	N = 879,	t = [ 201 149 82 ],	Φ = 2.0350e-007
84.	N = 687,	t = [ 157 117 64 ],	Φ = 2.0353e-007
85.	N = 954,	t = [ 218 162 89 ],	Φ = 2.0477e-007
86.	N = 839,	t = [ 192 143 78 ],	Φ = 2.0663e-007
87.	N = 581,	t = [ 133 99 54 ],	Φ = 2.0767e-007
88.	N = 1162,	t = [ 266 198 108 ],	Φ = 2.0767e-007
89.	N = 1087,	t = [ 249 185 101 ],	Φ = 2.0920e-007
90.	N = 1097,	t = [ 251 187 102 ],	Φ = 2.1366e-007
91.	N = 1116,	t = [ 255 190 104 ],	Φ = 2.1734e-007
92.	N = 624,	t = [ 143 106 58 ],	Φ = 2.1800e-007
93.	N = 947,	t = [ 217 161 88 ],	Φ = 2.1903e-007
94.	N = 761,	t = [ 174 129 71 ],	Φ = 2.1993e-007
95.	N = 956,	t = [ 219 162 89 ],	Φ = 2.2383e-007
96.	N = 904,	t = [ 207 154 84 ],	Φ = 2.2540e-007
97.	N = 836,	t = [ 191 142 78 ],	Φ = 2.4492e-007
98.	N = 925,	t = [ 212 157 86 ],	Φ = 2.4507e-007
99.	N = 643,	t = [ 147 109 60 ],	Φ = 2.4533e-007
100.	N = 419,	t = [ 96 71 39 ],	Φ = 2.5600e-007
101.	N = 838,	t = [ 192 142 78 ],	Φ = 2.5600e-007

102.	N = 429,	t = [ 98 73 40 ],	Φ = 2.6281e-007
103.	N = 858,	t = [ 196 146 80 ],	Φ = 2.6281e-007
104.	N = 1168,	t = [ 267 198 109 ],	Φ = 2.6370e-007
105.	N = 258,	t = [ 59 44 24 ],	Φ = 2.7288e-007
106.	N = 516,	t = [ 118 88 48 ],	Φ = 2.7288e-007
107.	N = 774,	t = [ 177 132 72 ],	Φ = 2.7288e-007
108.	N = 1032,	t = [ 236 176 96 ],	Φ = 2.7288e-007
109.	N = 1130,	t = [ 259 192 105 ],	Φ = 2.7375e-007
110.	N = 1147,	t = [ 262 195 107 ],	Φ = 2.8074e-007
111.	N = 1139,	t = [ 261 193 106 ],	Φ = 2.8691e-007
112.	N = 1085,	t = [ 248 185 101 ],	Φ = 2.8770e-007
113.	N = 525,	t = [ 120 89 49 ],	Φ = 2.8817e-007
114.	N = 1050,	t = [ 240 178 98 ],	Φ = 2.8817e-007
115.	N = 998,	t = [ 228 170 93 ],	Φ = 2.9072e-007
116.	N = 323,	t = [ 74 55 30 ],	Φ = 2.9793e-007
117.	N = 646,	t = [ 148 110 60 ],	Φ = 2.9793e-007
118.	N = 969,	t = [ 222 165 90 ],	Φ = 2.9793e-007
119.	N = 1044,	t = [ 239 178 97 ],	Φ = 3.0063e-007
120.	N = 1152,	t = [ 264 196 107 ],	Φ = 3.0076e-007
121.	N = 827,	t = [ 189 141 77 ],	Φ = 3.0296e-007
122.	N = 720,	t = [ 165 122 67 ],	Φ = 3.0654e-007
123.	N = 1125,	t = [ 257 191 105 ],	Φ = 3.0762e-007
124.	N = 718,	t = [ 164 122 67 ],	Φ = 3.1019e-007
125.	N = 829,	t = [ 190 141 77 ],	Φ = 3.1128e-007
126.	N = 979,	t = [ 224 167 91 ],	Φ = 3.1720e-007
127.	N = 807,	t = [ 185 137 75 ],	Φ = 3.1968e-007
128.	N = 932,	t = [ 213 158 87 ],	Φ = 3.2189e-007
129.	N = 1108,	t = [ 254 188 103 ],	Φ = 3.2298e-007
130.	N = 1158,	t = [ 265 196 108 ],	Φ = 3.2414e-007
131.	N = 1169,	t = [ 267 199 109 ],	Φ = 3.2632e-007
132.	N = 1021,	t = [ 234 173 95 ],	Φ = 3.2988e-007
133.	N = 1109,	t = [ 254 189 103 ],	Φ = 3.3182e-007
134.	N = 1105,	t = [ 253 187 103 ],	Φ = 3.4233e-007
135.	N = 1029,	t = [ 235 175 96 ],	Φ = 3.4462e-007
136.	N = 569,	t = [ 130 97 53 ],	Φ = 3.4608e-007
137.	N = 1138,	t = [ 260 194 106 ],	Φ = 3.4608e-007
138.	N = 721,	t = [ 165 123 67 ],	Φ = 3.4857e-007
139.	N = 1040,	t = [ 238 176 97 ],	Φ = 3.4978e-007
140.	N = 506,	t = [ 116 86 47 ],	Φ = 3.5492e-007
141.	N = 1012,	t = [ 232 172 94 ],	Φ = 3.5492e-007
142.	N = 786,	t = [ 180 134 73 ],	Φ = 3.5663e-007
143.	N = 1007,	t = [ 230 171 94 ],	Φ = 3.6082e-007
144.	N = 740,	t = [ 169 126 69 ],	Φ = 3.6744e-007
145.	N = 407,	t = [ 93 69 38 ],	Φ = 3.7040e-007
146.	N = 814,	t = [ 186 138 76 ],	Φ = 3.7040e-007
147.	N = 1172,	t = [ 268 200 109 ],	Φ = 3.7258e-007
148.	N = 987,	t = [ 226 167 92 ],	Φ = 3.7567e-007
149.	N = 1170,	t = [ 268 198 109 ],	Φ = 3.7581e-007
150.	N = 1093,	t = [ 250 185 102 ],	Φ = 3.7848e-007
151.	N = 1184,	t = [ 271 202 110 ],	Φ = 3.8069e-007
152.	N = 922,	t = [ 211 156 86 ],	Φ = 3.8340e-007
153.	N = 301,	t = [ 69 51 28 ],	Φ = 3.9179e-007
154.	N = 602,	t = [ 138 102 56 ],	Φ = 3.9179e-007
155.	N = 903,	t = [ 207 153 84 ],	Φ = 3.9179e-007
156.	N = 1174,	t = [ 269 200 109 ],	Φ = 3.9566e-007
157.	N = 990,	t = [ 227 168 92 ],	Φ = 3.9942e-007
158.	N = 1195,	t = [ 274 203 111 ],	Φ = 4.0127e-007
159.	N = 880,	t = [ 201 150 82 ],	Φ = 4.0337e-007
160.	N = 914,	t = [ 209 156 85 ],	Φ = 4.0358e-007
161.	N = 1034,	t = [ 237 176 96 ],	Φ = 4.0413e-007
162.	N = 967,	t = [ 221 165 90 ],	Φ = 4.0733e-007
163.	N = 1103,	t = [ 252 187 103 ],	Φ = 4.1578e-007
164.	N = 975,	t = [ 223 165 91 ],	Φ = 4.1598e-007

165.	N = 1051,	t = [ 240 179 98 ],	Φ = 4.1688e-007
166.	N = 1052,	t = [ 241 178 98 ],	Φ = 4.1818e-007
167.	N = 1119,	t = [ 256 191 104 ],	Φ = 4.1938e-007
168.	N = 869,	t = [ 199 147 81 ],	Φ = 4.2094e-007
169.	N = 600,	t = [ 137 102 56 ],	Φ = 4.2384e-007
170.	N = 1200,	t = [ 274 204 112 ],	Φ = 4.2384e-007
171.	N = 804,	t = [ 184 136 75 ],	Φ = 4.2921e-007
172.	N = 1191,	t = [ 272 203 111 ],	Φ = 4.3648e-007
173.	N = 851,	t = [ 195 145 79 ],	Φ = 4.3667e-007
174.	N = 889,	t = [ 203 151 83 ],	Φ = 4.3828e-007
175.	N = 911,	t = [ 208 155 85 ],	Φ = 4.3906e-007
176.	N = 463,	t = [ 106 79 43 ],	Φ = 4.4184e-007
177.	N = 926,	t = [ 212 158 86 ],	Φ = 4.4184e-007
178.	N = 689,	t = [ 158 117 64 ],	Φ = 4.4370e-007
179.	N = 696,	t = [ 159 118 65 ],	Φ = 4.4419e-007
180.	N = 1146,	t = [ 262 194 107 ],	Φ = 4.4730e-007
181.	N = 1178,	t = [ 269 200 110 ],	Φ = 4.5732e-007
182.	N = 1086,	t = [ 249 184 101 ],	Φ = 4.5785e-007
183.	N = 1173,	t = [ 269 199 109 ],	Φ = 4.6130e-007
184.	N = 656,	t = [ 150 112 61 ],	Φ = 4.6211e-007
185.	N = 711,	t = [ 163 121 66 ],	Φ = 4.6557e-007
186.	N = 857,	t = [ 196 145 80 ],	Φ = 4.6655e-007
187.	N = 1020,	t = [ 233 174 95 ],	Φ = 4.6721e-007
188.	N = 991,	t = [ 227 169 92 ],	Φ = 4.6806e-007
189.	N = 709,	t = [ 162 121 66 ],	Φ = 4.7400e-007
190.	N = 934,	t = [ 214 158 87 ],	Φ = 4.7583e-007
191.	N = 894,	t = [ 205 152 83 ],	Φ = 4.7717e-007
192.	N = 985,	t = [ 225 167 92 ],	Φ = 4.7765e-007
193.	N = 861,	t = [ 197 147 80 ],	Φ = 4.7868e-007
194.	N = 785,	t = [ 180 133 73 ],	Φ = 4.8520e-007
195.	N = 751,	t = [ 172 127 70 ],	Φ = 4.8531e-007
196.	N = 1117,	t = [ 256 189 104 ],	Φ = 4.9406e-007
197.	N = 686,	t = [ 157 116 64 ],	Φ = 4.9492e-007
198.	N = 1028,	t = [ 235 174 96 ],	Φ = 4.9814e-007
199.	N = 1107,	t = [ 253 189 103 ],	Φ = 5.0360e-007
200.	N = 1077,	t = [ 247 183 100 ],	Φ = 5.0638e-007
201.	N = 872,	t = [ 200 148 81 ],	Φ = 5.1338e-007
202.	N = 1082,	t = [ 247 184 101 ],	Φ = 5.1384e-007
203.	N = 1054,	t = [ 241 180 98 ],	Φ = 5.1613e-007
204.	N = 1131,	t = [ 259 193 105 ],	Φ = 5.2038e-007
205.	N = 1066,	t = [ 244 182 99 ],	Φ = 5.2797e-007
206.	N = 1099,	t = [ 252 187 102 ],	Φ = 5.3090e-007
207.	N = 528,	t = [ 121 90 49 ],	Φ = 5.3560e-007
208.	N = 1056,	t = [ 242 180 98 ],	Φ = 5.3560e-007
209.	N = 1160,	t = [ 265 198 108 ],	Φ = 5.3682e-007
210.	N = 739,	t = [ 169 125 69 ],	Φ = 5.3799e-007
211.	N = 1060,	t = [ 242 180 99 ],	Φ = 5.4010e-007
212.	N = 1199,	t = [ 274 203 112 ],	Φ = 5.4549e-007
213.	N = 311,	t = [ 71 53 29 ],	Φ = 5.5024e-007
214.	N = 622,	t = [ 142 106 58 ],	Φ = 5.5024e-007
215.	N = 933,	t = [ 213 159 87 ],	Φ = 5.5024e-007
216.	N = 484,	t = [ 111 82 45 ],	Φ = 5.5064e-007
217.	N = 968,	t = [ 222 164 90 ],	Φ = 5.5064e-007
218.	N = 1196,	t = [ 274 204 111 ],	Φ = 5.5099e-007
219.	N = 771,	t = [ 176 131 72 ],	Φ = 5.5649e-007
220.	N = 816,	t = [ 187 138 76 ],	Φ = 5.5766e-007
221.	N = 916,	t = [ 210 156 85 ],	Φ = 5.5891e-007
222.	N = 289,	t = [ 66 49 27 ],	Φ = 5.6530e-007
223.	N = 578,	t = [ 132 98 54 ],	Φ = 5.6530e-007
224.	N = 867,	t = [ 198 147 81 ],	Φ = 5.6530e-007
225.	N = 1156,	t = [ 264 196 108 ],	Φ = 5.6530e-007
226.	N = 1055,	t = [ 242 179 98 ],	Φ = 5.6608e-007
227.	N = 910,	t = [ 208 154 85 ],	Φ = 5.6675e-007

228.	N = 1073,	t = [ 245 183 100 ],	Φ = 5.6692e-007
229.	N = 1104,	t = [ 252 188 103 ],	Φ = 5.6846e-007
230.	N = 999,	t = [ 229 169 93 ],	Φ = 5.7025e-007
231.	N = 633,	t = [ 145 107 59 ],	Φ = 5.8271e-007
232.	N = 668,	t = [ 153 114 62 ],	Φ = 5.8354e-007
233.	N = 762,	t = [ 174 130 71 ],	Φ = 5.8405e-007
234.	N = 793,	t = [ 181 135 74 ],	Φ = 5.8488e-007
235.	N = 1001,	t = [ 229 171 93 ],	Φ = 5.8988e-007
236.	N = 1182,	t = [ 271 200 110 ],	Φ = 5.9184e-007
237.	N = 849,	t = [ 194 145 79 ],	Φ = 5.9247e-007
238.	N = 568,	t = [ 130 96 53 ],	Φ = 5.9604e-007
239.	N = 1136,	t = [ 260 192 106 ],	Φ = 5.9604e-007
240.	N = 1151,	t = [ 264 195 107 ],	Φ = 5.9851e-007
241.	N = 1189,	t = [ 272 201 111 ],	Φ = 6.0240e-007
242.	N = 603,	t = [ 138 103 56 ],	Φ = 6.0753e-007
243.	N = 398,	t = [ 91 68 37 ],	Φ = 6.1177e-007
244.	N = 796,	t = [ 182 136 74 ],	Φ = 6.1177e-007
245.	N = 1194,	t = [ 273 204 111 ],	Φ = 6.1177e-007
246.	N = 1081,	t = [ 247 183 101 ],	Φ = 6.1517e-007
247.	N = 1121,	t = [ 257 191 104 ],	Φ = 6.2999e-007
248.	N = 667,	t = [ 153 113 62 ],	Φ = 6.3488e-007
249.	N = 1083,	t = [ 248 183 101 ],	Φ = 6.3794e-007
250.	N = 482,	t = [ 110 82 45 ],	Φ = 6.4213e-007
251.	N = 964,	t = [ 220 164 90 ],	Φ = 6.4213e-007
252.	N = 621,	t = [ 142 105 58 ],	Φ = 6.4538e-007
253.	N = 451,	t = [ 103 77 42 ],	Φ = 6.4886e-007
254.	N = 902,	t = [ 206 154 84 ],	Φ = 6.4886e-007
255.	N = 1148,	t = [ 263 194 107 ],	Φ = 6.5208e-007
256.	N = 942,	t = [ 215 160 88 ],	Φ = 6.5703e-007
257.	N = 1038,	t = [ 237 176 97 ],	Φ = 6.5775e-007
258.	N = 959,	t = [ 220 163 89 ],	Φ = 6.5851e-007
259.	N = 792,	t = [ 181 134 74 ],	Φ = 6.6346e-007
260.	N = 733,	t = [ 168 125 68 ],	Φ = 6.6384e-007
261.	N = 808,	t = [ 185 138 75 ],	Φ = 6.6479e-007
262.	N = 571,	t = [ 131 97 53 ],	Φ = 6.6559e-007
263.	N = 1142,	t = [ 262 194 106 ],	Φ = 6.6559e-007
264.	N = 388,	t = [ 89 66 36 ],	Φ = 6.6954e-007
265.	N = 776,	t = [ 178 132 72 ],	Φ = 6.6954e-007
266.	N = 1164,	t = [ 267 198 108 ],	Φ = 6.6954e-007
267.	N = 1018,	t = [ 233 172 95 ],	Φ = 6.6955e-007
268.	N = 1071,	t = [ 245 181 100 ],	Φ = 6.7303e-007
269.	N = 873,	t = [ 200 149 81 ],	Φ = 6.7598e-007
270.	N = 881,	t = [ 202 149 82 ],	Φ = 6.7733e-007
271.	N = 698,	t = [ 160 118 65 ],	Φ = 6.8036e-007
272.	N = 1141,	t = [ 261 195 106 ],	Φ = 6.8349e-007
273.	N = 850,	t = [ 195 144 79 ],	Φ = 6.8634e-007
274.	N = 1064,	t = [ 244 180 99 ],	Φ = 6.8893e-007
275.	N = 754,	t = [ 173 128 70 ],	Φ = 6.9161e-007
276.	N = 989,	t = [ 226 169 92 ],	Φ = 6.9356e-007
277.	N = 1126,	t = [ 257 192 105 ],	Φ = 6.9468e-007
278.	N = 749,	t = [ 171 127 70 ],	Φ = 6.9584e-007
279.	N = 1135,	t = [ 259 193 106 ],	Φ = 6.9838e-007
280.	N = 981,	t = [ 225 167 91 ],	Φ = 7.0501e-007
281.	N = 963,	t = [ 220 163 90 ],	Φ = 7.0894e-007
282.	N = 937,	t = [ 215 159 87 ],	Φ = 7.1681e-007
283.	N = 1013,	t = [ 232 173 94 ],	Φ = 7.1748e-007
284.	N = 1042,	t = [ 238 178 97 ],	Φ = 7.1771e-007
285.	N = 1033,	t = [ 237 175 96 ],	Φ = 7.2090e-007
286.	N = 1124,	t = [ 257 190 105 ],	Φ = 7.2155e-007
287.	N = 965,	t = [ 221 163 90 ],	Φ = 7.2723e-007
288.	N = 986,	t = [ 225 168 92 ],	Φ = 7.2724e-007
289.	N = 936,	t = [ 214 160 87 ],	Φ = 7.2931e-007
290.	N = 1113,	t = [ 254 189 104 ],	Φ = 7.3400e-007



291.	N = 1157,	t = [ 264 197 108 ],	Φ = 7.3705e-007
292.	N = 1120,	t = [ 257 190 104 ],	Φ = 7.3777e-007
293.	N = 1078,	t = [ 247 184 100 ],	Φ = 7.3928e-007
294.	N = 593,	t = [ 136 101 55 ],	Φ = 7.4142e-007
295.	N = 1186,	t = [ 272 202 110 ],	Φ = 7.4142e-007
296.	N = 743,	t = [ 170 127 69 ],	Φ = 7.4205e-007
297.	N = 938,	t = [ 215 160 87 ],	Φ = 7.4235e-007
298.	N = 515,	t = [ 118 87 48 ],	Φ = 7.4347e-007
299.	N = 1030,	t = [ 236 174 96 ],	Φ = 7.4347e-007
300.	N = 948,	t = [ 217 162 88 ],	Φ = 7.4575e-007
301.	N = 653,	t = [ 149 111 61 ],	Φ = 7.4846e-007
302.	N = 815,	t = [ 186 139 76 ],	Φ = 7.5488e-007
303.	N = 1134,	t = [ 259 192 106 ],	Φ = 7.5644e-007
304.	N = 955,	t = [ 218 163 89 ],	Φ = 7.5680e-007
305.	N = 953,	t = [ 218 161 89 ],	Φ = 7.6666e-007
306.	N = 1153,	t = [ 264 197 107 ],	Φ = 7.6717e-007
307.	N = 450,	t = [ 103 76 42 ],	Φ = 7.6848e-007
308.	N = 900,	t = [ 206 152 84 ],	Φ = 7.6848e-007
309.	N = 1129,	t = [ 258 193 105 ],	Φ = 7.7847e-007
310.	N = 591,	t = [ 135 101 55 ],	Φ = 7.8244e-007
311.	N = 1095,	t = [ 250 187 102 ],	Φ = 7.8529e-007
312.	N = 460,	t = [ 105 78 43 ],	Φ = 7.8672e-007
313.	N = 920,	t = [ 210 156 86 ],	Φ = 7.8672e-007
314.	N = 1143,	t = [ 262 195 106 ],	Φ = 7.9510e-007
315.	N = 798,	t = [ 183 136 74 ],	Φ = 8.0050e-007
316.	N = 1177,	t = [ 269 199 110 ],	Φ = 8.0317e-007
317.	N = 674,	t = [ 154 114 63 ],	Φ = 8.0773e-007
318.	N = 1088,	t = [ 249 186 101 ],	Φ = 8.1855e-007
319.	N = 503,	t = [ 115 85 47 ],	Φ = 8.2169e-007
320.	N = 1006,	t = [ 230 170 94 ],	Φ = 8.2169e-007
321.	N = 538,	t = [ 123 92 50 ],	Φ = 8.2297e-007
322.	N = 1076,	t = [ 246 184 100 ],	Φ = 8.2297e-007
323.	N = 675,	t = [ 154 115 63 ],	Φ = 8.2337e-007
324.	N = 946,	t = [ 217 160 88 ],	Φ = 8.2346e-007
325.	N = 824,	t = [ 188 140 77 ],	Φ = 8.2938e-007
326.	N = 846,	t = [ 193 144 79 ],	Φ = 8.3248e-007
327.	N = 763,	t = [ 175 129 71 ],	Φ = 8.3526e-007
328.	N = 845,	t = [ 193 143 79 ],	Φ = 8.4027e-007
329.	N = 1179,	t = [ 269 201 110 ],	Φ = 8.4189e-007
330.	N = 1003,	t = [ 230 171 93 ],	Φ = 8.4287e-007
331.	N = 1024,	t = [ 235 174 95 ],	Φ = 8.4561e-007
332.	N = 883,	t = [ 202 151 82 ],	Φ = 8.4771e-007
333.	N = 847,	t = [ 194 143 79 ],	Φ = 8.5046e-007
334.	N = 1091,	t = [ 249 185 102 ],	Φ = 8.5308e-007
335.	N = 1017,	t = [ 232 173 95 ],	Φ = 8.6098e-007
336.	N = 1046,	t = [ 240 178 97 ],	Φ = 8.6353e-007
337.	N = 912,	t = [ 209 154 85 ],	Φ = 8.6811e-007
338.	N = 580,	t = [ 133 98 54 ],	Φ = 8.7859e-007
339.	N = 1016,	t = [ 232 172 95 ],	Φ = 8.7868e-007
340.	N = 841,	t = [ 193 143 78 ],	Φ = 8.8765e-007
341.	N = 995,	t = [ 227 169 93 ],	Φ = 8.8999e-007
342.	N = 644,	t = [ 147 110 60 ],	Φ = 8.9170e-007
343.	N = 1188,	t = [ 271 202 111 ],	Φ = 8.9220e-007
344.	N = 731,	t = [ 167 125 68 ],	Φ = 8.9296e-007
345.	N = 183,	t = [ 42 31 17 ],	Φ = 8.9531e-007
346.	N = 366,	t = [ 84 62 34 ],	Φ = 8.9531e-007
347.	N = 549,	t = [ 126 93 51 ],	Φ = 8.9531e-007
348.	N = 732,	t = [ 168 124 68 ],	Φ = 8.9531e-007
349.	N = 915,	t = [ 210 155 85 ],	Φ = 8.9531e-007
350.	N = 1098,	t = [ 252 186 102 ],	Φ = 8.9531e-007
351.	N = 835,	t = [ 191 141 78 ],	Φ = 8.9571e-007
352.	N = 504,	t = [ 115 86 47 ],	Φ = 8.9950e-007
353.	N = 1008,	t = [ 230 172 94 ],	Φ = 8.9950e-007

354.	N = 631,	t = [ 144 107 59 ],	Φ = 9.0348e-007
355.	N = 782,	t = [ 179 132 73 ],	Φ = 9.0757e-007
356.	N = 1185,	t = [ 272 201 110 ],	Φ = 9.0987e-007
357.	N = 1187,	t = [ 271 201 111 ],	Φ = 9.1420e-007
358.	N = 1059,	t = [ 242 179 99 ],	Φ = 9.1693e-007
359.	N = 1002,	t = [ 230 170 93 ],	Φ = 9.2144e-007
360.	N = 1039,	t = [ 237 177 97 ],	Φ = 9.2309e-007
361.	N = 1023,	t = [ 234 175 95 ],	Φ = 9.3147e-007
362.	N = 977,	t = [ 224 165 91 ],	Φ = 9.3321e-007
363.	N = 784,	t = [ 179 134 73 ],	Φ = 9.3337e-007
364.	N = 1166,	t = [ 266 198 109 ],	Φ = 9.3641e-007
365.	N = 819,	t = [ 188 139 76 ],	Φ = 9.4304e-007
366.	N = 1167,	t = [ 267 197 109 ],	Φ = 9.4491e-007
367.	N = 888,	t = [ 203 150 83 ],	Φ = 9.5808e-007
368.	N = 678,	t = [ 155 116 63 ],	Φ = 9.6166e-007
369.	N = 868,	t = [ 198 148 81 ],	Φ = 9.6244e-007
370.	N = 1068,	t = [ 245 182 99 ],	Φ = 9.6396e-007
371.	N = 863,	t = [ 198 147 80 ],	Φ = 9.6629e-007
372.	N = 1114,	t = [ 255 188 104 ],	Φ = 9.6706e-007
373.	N = 802,	t = [ 183 136 75 ],	Φ = 9.7480e-007
374.	N = 871,	t = [ 199 149 81 ],	Φ = 9.8016e-007
375.	N = 1011,	t = [ 232 171 94 ],	Φ = 9.8320e-007
376.	N = 924,	t = [ 211 158 86 ],	Φ = 9.8404e-007
377.	N = 636,	t = [ 146 108 59 ],	Φ = 9.8877e-007
378.	N = 658,	t = [ 151 112 61 ],	Φ = 9.9068e-007
379.	N = 1163,	t = [ 266 199 108 ],	Φ = 9.9901e-007
380.	N = 550,	t = [ 126 94 51 ],	Φ = 1.0063e-006
381.	N = 1100,	t = [ 252 188 102 ],	Φ = 1.0063e-006
382.	N = 755,	t = [ 173 129 70 ],	Φ = 1.0081e-006
383.	N = 895,	t = [ 205 153 83 ],	Φ = 1.0122e-006
384.	N = 960,	t = [ 220 164 89 ],	Φ = 1.0135e-006
385.	N = 828,	t = [ 190 140 77 ],	Φ = 1.0179e-006
386.	N = 1165,	t = [ 267 199 108 ],	Φ = 1.0186e-006
387.	N = 973,	t = [ 222 165 91 ],	Φ = 1.0228e-006
388.	N = 1111,	t = [ 255 189 103 ],	Φ = 1.0272e-006
389.	N = 729,	t = [ 167 123 68 ],	Φ = 1.0292e-006
390.	N = 1089,	t = [ 250 185 101 ],	Φ = 1.0326e-006
391.	N = 727,	t = [ 166 123 68 ],	Φ = 1.0339e-006
392.	N = 345,	t = [ 79 59 32 ],	Φ = 1.0358e-006
393.	N = 690,	t = [ 158 118 64 ],	Φ = 1.0358e-006
394.	N = 1035,	t = [ 237 177 96 ],	Φ = 1.0358e-006
395.	N = 556,	t = [ 127 94 52 ],	Φ = 1.0404e-006
396.	N = 1112,	t = [ 254 188 104 ],	Φ = 1.0404e-006
397.	N = 1061,	t = [ 243 179 99 ],	Φ = 1.0436e-006
398.	N = 837,	t = [ 191 143 78 ],	Φ = 1.0444e-006
399.	N = 397,	t = [ 91 67 37 ],	Φ = 1.0457e-006
400.	N = 794,	t = [ 182 134 74 ],	Φ = 1.0457e-006
401.	N = 898,	t = [ 205 152 84 ],	Φ = 1.0482e-006
402.	N = 1144,	t = [ 261 194 107 ],	Φ = 1.0572e-006
403.	N = 818,	t = [ 187 140 76 ],	Φ = 1.0588e-006
404.	N = 205,	t = [ 47 35 19 ],	Φ = 1.0604e-006
405.	N = 410,	t = [ 94 70 38 ],	Φ = 1.0604e-006
406.	N = 615,	t = [ 141 105 57 ],	Φ = 1.0604e-006
407.	N = 820,	t = [ 188 140 76 ],	Φ = 1.0604e-006
408.	N = 1025,	t = [ 235 175 95 ],	Φ = 1.0604e-006
409.	N = 1175,	t = [ 269 201 109 ],	Φ = 1.0653e-006
410.	N = 1069,	t = [ 244 181 100 ],	Φ = 1.0659e-006
411.	N = 941,	t = [ 215 159 88 ],	Φ = 1.0705e-006
412.	N = 1049,	t = [ 240 177 98 ],	Φ = 1.0798e-006
413.	N = 830,	t = [ 190 142 77 ],	Φ = 1.0806e-006
414.	N = 717,	t = [ 164 121 67 ],	Φ = 1.0828e-006
415.	N = 645,	t = [ 148 109 60 ],	Φ = 1.0834e-006
416.	N = 697,	t = [ 159 119 65 ],	Φ = 1.0864e-006

417.	N = 535,	t = [ 122 91 50 ],	Φ = 1.0881e-006
418.	N = 1070,	t = [ 244 182 100 ],	Φ = 1.0881e-006
419.	N = 899,	t = [ 205 153 84 ],	Φ = 1.0954e-006
420.	N = 1133,	t = [ 260 193 105 ],	Φ = 1.0968e-006
421.	N = 1102,	t = [ 252 186 103 ],	Φ = 1.0969e-006
422.	N = 706,	t = [ 161 120 66 ],	Φ = 1.0977e-006
423.	N = 980,	t = [ 225 166 91 ],	Φ = 1.1038e-006
424.	N = 453,	t = [ 104 77 42 ],	Φ = 1.1077e-006
425.	N = 906,	t = [ 208 154 84 ],	Φ = 1.1077e-006
426.	N = 877,	t = [ 200 149 82 ],	Φ = 1.1141e-006
427.	N = 332,	t = [ 76 56 31 ],	Φ = 1.1147e-006
428.	N = 664,	t = [ 152 112 62 ],	Φ = 1.1147e-006
429.	N = 996,	t = [ 228 168 93 ],	Φ = 1.1147e-006
430.	N = 1067,	t = [ 245 181 99 ],	Φ = 1.1223e-006
431.	N = 859,	t = [ 197 145 80 ],	Φ = 1.1227e-006
432.	N = 485,	t = [ 111 83 45 ],	Φ = 1.1247e-006
433.	N = 970,	t = [ 222 166 90 ],	Φ = 1.1247e-006
434.	N = 1048,	t = [ 239 178 98 ],	Φ = 1.1296e-006
435.	N = 364,	t = [ 83 62 34 ],	Φ = 1.1299e-006
436.	N = 728,	t = [ 166 124 68 ],	Φ = 1.1299e-006
437.	N = 1092,	t = [ 249 186 102 ],	Φ = 1.1299e-006
438.	N = 958,	t = [ 219 164 89 ],	Φ = 1.1304e-006
439.	N = 1090,	t = [ 250 186 101 ],	Φ = 1.1370e-006
440.	N = 928,	t = [ 213 158 86 ],	Φ = 1.1454e-006
441.	N = 385,	t = [ 88 65 36 ],	Φ = 1.1525e-006
442.	N = 770,	t = [ 176 130 72 ],	Φ = 1.1525e-006
443.	N = 1155,	t = [ 264 195 108 ],	Φ = 1.1525e-006
444.	N = 797,	t = [ 183 135 74 ],	Φ = 1.1552e-006
445.	N = 885,	t = [ 203 151 82 ],	Φ = 1.1595e-006
446.	N = 1110,	t = [ 254 190 103 ],	Φ = 1.1644e-006
447.	N = 884,	t = [ 203 150 82 ],	Φ = 1.1885e-006
448.	N = 921,	t = [ 210 157 86 ],	Φ = 1.1910e-006
449.	N = 1176,	t = [ 270 200 109 ],	Φ = 1.1916e-006
450.	N = 625,	t = [ 143 107 58 ],	Φ = 1.1991e-006
451.	N = 680,	t = [ 156 116 63 ],	Φ = 1.1992e-006
452.	N = 890,	t = [ 203 152 83 ],	Φ = 1.2007e-006
453.	N = 893,	t = [ 205 151 83 ],	Φ = 1.2117e-006
454.	N = 1154,	t = [ 265 196 107 ],	Φ = 1.2159e-006
455.	N = 994,	t = [ 227 168 93 ],	Φ = 1.2164e-006
456.	N = 943,	t = [ 216 159 88 ],	Φ = 1.2199e-006
457.	N = 462,	t = [ 106 78 43 ],	Φ = 1.2349e-006
458.	N = 1198,	t = [ 275 204 111 ],	Φ = 1.2355e-006
459.	N = 614,	t = [ 141 104 57 ],	Φ = 1.2401e-006
460.	N = 557,	t = [ 127 95 52 ],	Φ = 1.2455e-006
461.	N = 723,	t = [ 166 123 67 ],	Φ = 1.2510e-006
462.	N = 765,	t = [ 175 131 71 ],	Φ = 1.2556e-006
463.	N = 931,	t = [ 213 157 87 ],	Φ = 1.2616e-006
464.	N = 1122,	t = [ 256 190 105 ],	Φ = 1.2634e-006
465.	N = 171,	t = [ 39 29 16 ],	Φ = 1.2654e-006
466.	N = 342,	t = [ 78 58 32 ],	Φ = 1.2654e-006
467.	N = 513,	t = [ 117 87 48 ],	Φ = 1.2654e-006
468.	N = 684,	t = [ 156 116 64 ],	Φ = 1.2654e-006
469.	N = 855,	t = [ 195 145 80 ],	Φ = 1.2654e-006
470.	N = 1026,	t = [ 234 174 96 ],	Φ = 1.2654e-006
471.	N = 1197,	t = [ 273 203 112 ],	Φ = 1.2654e-006
472.	N = 984,	t = [ 225 166 92 ],	Φ = 1.2735e-006
473.	N = 951,	t = [ 217 161 89 ],	Φ = 1.2737e-006
474.	N = 475,	t = [ 109 81 44 ],	Φ = 1.2854e-006
475.	N = 950,	t = [ 218 162 88 ],	Φ = 1.2854e-006
476.	N = 823,	t = [ 188 139 77 ],	Φ = 1.2866e-006
477.	N = 780,	t = [ 178 132 73 ],	Φ = 1.2942e-006
478.	N = 905,	t = [ 207 155 84 ],	Φ = 1.2988e-006
479.	N = 701,	t = [ 161 119 65 ],	Φ = 1.3018e-006

480.	N = 611,	t = [ 140 103 57 ],	Φ = 1.3065e-006
481.	N = 1045,	t = [ 240 177 97 ],	Φ = 1.3071e-006
482.	N = 676,	t = [ 155 114 63 ],	Φ = 1.3139e-006
483.	N = 710,	t = [ 163 120 66 ],	Φ = 1.3147e-006
484.	N = 1132,	t = [ 260 192 105 ],	Φ = 1.3166e-006
485.	N = 878,	t = [ 201 148 82 ],	Φ = 1.3172e-006
486.	N = 1123,	t = [ 256 191 105 ],	Φ = 1.3181e-006
487.	N = 971,	t = [ 223 165 90 ],	Φ = 1.3232e-006
488.	N = 750,	t = [ 171 128 70 ],	Φ = 1.3283e-006
489.	N = 993,	t = [ 228 169 92 ],	Φ = 1.3284e-006
490.	N = 1037,	t = [ 237 175 97 ],	Φ = 1.3337e-006
491.	N = 609,	t = [ 139 103 57 ],	Φ = 1.3395e-006
492.	N = 1145,	t = [ 261 195 107 ],	Φ = 1.3422e-006
493.	N = 1047,	t = [ 240 179 97 ],	Φ = 1.3472e-006
494.	N = 982,	t = [ 225 168 91 ],	Φ = 1.3601e-006
495.	N = 952,	t = [ 217 162 89 ],	Φ = 1.3639e-006
496.	N = 1101,	t = [ 251 187 103 ],	Φ = 1.3707e-006
497.	N = 599,	t = [ 137 101 56 ],	Φ = 1.3733e-006
498.	N = 745,	t = [ 171 127 69 ],	Φ = 1.3779e-006
499.	N = 806,	t = [ 184 138 75 ],	Φ = 1.3931e-006
500.	N = 473,	t = [ 108 81 44 ],	Φ = 1.3958e-006
501.	N = 930,	t = [ 212 158 87 ],	Φ = 1.4014e-006
502.	N = 741,	t = [ 170 125 69 ],	Φ = 1.4022e-006
503.	N = 333,	t = [ 76 57 31 ],	Φ = 1.4056e-006
504.	N = 666,	t = [ 152 114 62 ],	Φ = 1.4056e-006
505.	N = 431,	t = [ 99 73 40 ],	Φ = 1.4060e-006
506.	N = 862,	t = [ 198 146 80 ],	Φ = 1.4060e-006
507.	N = 613,	t = [ 140 105 57 ],	Φ = 1.4138e-006
508.	N = 1057,	t = [ 242 181 98 ],	Φ = 1.4138e-006
509.	N = 949,	t = [ 218 161 88 ],	Φ = 1.4232e-006
510.	N = 1015,	t = [ 233 173 94 ],	Φ = 1.4258e-006
511.	N = 842,	t = [ 193 144 78 ],	Φ = 1.4287e-006
512.	N = 974,	t = [ 222 166 91 ],	Φ = 1.4302e-006
513.	N = 917,	t = [ 210 157 85 ],	Φ = 1.4308e-006
514.	N = 753,	t = [ 172 129 70 ],	Φ = 1.4334e-006
515.	N = 652,	t = [ 149 110 61 ],	Φ = 1.4470e-006
516.	N = 546,	t = [ 125 92 51 ],	Φ = 1.4486e-006
517.	N = 781,	t = [ 178 133 73 ],	Φ = 1.4492e-006
518.	N = 907,	t = [ 208 155 84 ],	Φ = 1.4505e-006
519.	N = 759,	t = [ 173 129 71 ],	Φ = 1.4522e-006
520.	N = 438,	t = [ 100 74 41 ],	Φ = 1.4609e-006
521.	N = 876,	t = [ 200 148 82 ],	Φ = 1.4609e-006
522.	N = 526,	t = [ 120 90 49 ],	Φ = 1.4619e-006
523.	N = 825,	t = [ 189 139 77 ],	Φ = 1.4674e-006
524.	N = 777,	t = [ 178 133 72 ],	Φ = 1.4731e-006
525.	N = 719,	t = [ 164 123 67 ],	Φ = 1.5032e-006
526.	N = 788,	t = [ 181 134 73 ],	Φ = 1.5071e-006
527.	N = 1004,	t = [ 229 170 94 ],	Φ = 1.5080e-006
528.	N = 527,	t = [ 121 89 49 ],	Φ = 1.5092e-006
529.	N = 1079,	t = [ 246 183 101 ],	Φ = 1.5094e-006
530.	N = 1058,	t = [ 243 180 98 ],	Φ = 1.5100e-006
531.	N = 972,	t = [ 223 166 90 ],	Φ = 1.5141e-006
532.	N = 813,	t = [ 186 137 76 ],	Φ = 1.5171e-006
533.	N = 866,	t = [ 198 146 81 ],	Φ = 1.5175e-006
534.	N = 518,	t = [ 119 88 48 ],	Φ = 1.5304e-006
535.	N = 1036,	t = [ 238 176 96 ],	Φ = 1.5304e-006
536.	N = 588,	t = [ 134 100 55 ],	Φ = 1.5477e-006
537.	N = 775,	t = [ 178 131 72 ],	Φ = 1.5509e-006
538.	N = 908,	t = [ 207 154 85 ],	Φ = 1.5580e-006
539.	N = 679,	t = [ 156 115 63 ],	Φ = 1.5660e-006
540.	N = 992,	t = [ 227 170 92 ],	Φ = 1.5680e-006
541.	N = 833,	t = [ 190 141 78 ],	Φ = 1.5705e-006
542.	N = 637,	t = [ 146 109 59 ],	Φ = 1.5725e-006

543.	N = 270,	t = [ 62 46 25 ],	Φ = 1.5728e-006
544.	N = 540,	t = [ 124 92 50 ],	Φ = 1.5728e-006
545.	N = 810,	t = [ 186 138 75 ],	Φ = 1.5728e-006
546.	N = 1080,	t = [ 248 184 100 ],	Φ = 1.5728e-006
547.	N = 702,	t = [ 161 120 65 ],	Φ = 1.5762e-006
548.	N = 919,	t = [ 210 155 86 ],	Φ = 1.5805e-006
549.	N = 852,	t = [ 195 146 79 ],	Φ = 1.5863e-006
550.	N = 803,	t = [ 183 137 75 ],	Φ = 1.5942e-006
551.	N = 766,	t = [ 176 130 71 ],	Φ = 1.5957e-006
552.	N = 140,	t = [ 32 24 13 ],	Φ = 1.5959e-006
553.	N = 280,	t = [ 64 48 26 ],	Φ = 1.5959e-006
554.	N = 420,	t = [ 96 72 39 ],	Φ = 1.5959e-006
555.	N = 560,	t = [ 128 96 52 ],	Φ = 1.5959e-006
556.	N = 700,	t = [ 160 120 65 ],	Φ = 1.5959e-006
557.	N = 840,	t = [ 192 144 78 ],	Φ = 1.5959e-006
558.	N = 705,	t = [ 161 119 66 ],	Φ = 1.6074e-006
559.	N = 760,	t = [ 174 128 71 ],	Φ = 1.6082e-006
560.	N = 1027,	t = [ 235 173 96 ],	Φ = 1.6125e-006
561.	N = 712,	t = [ 163 122 66 ],	Φ = 1.6226e-006
562.	N = 610,	t = [ 139 104 57 ],	Φ = 1.6280e-006
563.	N = 737,	t = [ 168 125 69 ],	Φ = 1.6308e-006
564.	N = 1005,	t = [ 229 171 94 ],	Φ = 1.6321e-006
565.	N = 927,	t = [ 213 157 86 ],	Φ = 1.6437e-006
566.	N = 1014,	t = [ 233 172 94 ],	Φ = 1.6452e-006
567.	N = 767,	t = [ 176 131 71 ],	Φ = 1.6527e-006
568.	N = 929,	t = [ 212 157 87 ],	Φ = 1.6593e-006
569.	N = 193,	t = [ 44 33 18 ],	Φ = 1.6647e-006
570.	N = 386,	t = [ 88 66 36 ],	Φ = 1.6647e-006
571.	N = 579,	t = [ 132 99 54 ],	Φ = 1.6647e-006
572.	N = 772,	t = [ 176 132 72 ],	Φ = 1.6647e-006
573.	N = 662,	t = [ 151 112 62 ],	Φ = 1.6736e-006
574.	N = 983,	t = [ 224 167 92 ],	Φ = 1.6855e-006
575.	N = 572,	t = [ 131 98 53 ],	Φ = 1.7000e-006
576.	N = 566,	t = [ 129 96 53 ],	Φ = 1.7512e-006
577.	N = 853,	t = [ 196 145 79 ],	Φ = 1.7516e-006
578.	N = 279,	t = [ 64 47 26 ],	Φ = 1.7520e-006
579.	N = 558,	t = [ 128 94 52 ],	Φ = 1.7520e-006
580.	N = 832,	t = [ 191 142 77 ],	Φ = 1.7691e-006
581.	N = 417,	t = [ 95 71 39 ],	Φ = 1.7691e-006
582.	N = 834,	t = [ 190 142 78 ],	Φ = 1.7691e-006
583.	N = 875,	t = [ 201 149 81 ],	Φ = 1.7708e-006
584.	N = 493,	t = [ 113 83 46 ],	Φ = 1.7792e-006
585.	N = 812,	t = [ 185 138 76 ],	Φ = 1.8009e-006
586.	N = 592,	t = [ 136 100 55 ],	Φ = 1.8020e-006
587.	N = 758,	t = [ 173 128 71 ],	Φ = 1.8173e-006
588.	N = 497,	t = [ 114 85 46 ],	Φ = 1.8193e-006
589.	N = 707,	t = [ 162 119 66 ],	Φ = 1.8337e-006
590.	N = 623,	t = [ 143 105 58 ],	Φ = 1.8432e-006
591.	N = 961,	t = [ 219 163 90 ],	Φ = 1.8467e-006
592.	N = 886,	t = [ 202 150 83 ],	Φ = 1.8517e-006
593.	N = 248,	t = [ 57 42 23 ],	Φ = 1.8667e-006
594.	N = 496,	t = [ 114 84 46 ],	Φ = 1.8667e-006
595.	N = 744,	t = [ 171 126 69 ],	Φ = 1.8667e-006
596.	N = 787,	t = [ 180 135 73 ],	Φ = 1.8676e-006
597.	N = 831,	t = [ 191 141 77 ],	Φ = 1.8676e-006
598.	N = 605,	t = [ 139 103 56 ],	Φ = 1.8688e-006
599.	N = 856,	t = [ 195 146 80 ],	Φ = 1.8700e-006
600.	N = 481,	t = [ 110 81 45 ],	Φ = 1.8705e-006
601.	N = 962,	t = [ 220 162 90 ],	Φ = 1.8705e-006
602.	N = 748,	t = [ 171 126 70 ],	Φ = 1.8711e-006
603.	N = 491,	t = [ 112 83 46 ],	Φ = 1.8712e-006
604.	N = 432,	t = [ 99 74 40 ],	Φ = 1.8882e-006
605.	N = 864,	t = [ 198 148 80 ],	Φ = 1.8882e-006

606.	N = 695,	t = [ 159 117 65 ],	Φ = 1.8961e-006
607.	N = 897,	t = [ 206 153 83 ],	Φ = 1.9062e-006
608.	N = 562,	t = [ 129 96 52 ],	Φ = 1.9098e-006
609.	N = 583,	t = [ 134 99 54 ],	Φ = 1.9148e-006
610.	N = 939,	t = [ 215 161 87 ],	Φ = 1.9192e-006
611.	N = 909,	t = [ 208 153 85 ],	Φ = 1.9207e-006
612.	N = 267,	t = [ 61 45 25 ],	Φ = 1.9316e-006
613.	N = 534,	t = [ 122 90 50 ],	Φ = 1.9316e-006
614.	N = 801,	t = [ 183 135 75 ],	Φ = 1.9316e-006
615.	N = 632,	t = [ 144 108 59 ],	Φ = 1.9356e-006
616.	N = 647,	t = [ 148 111 60 ],	Φ = 1.9413e-006
617.	N = 940,	t = [ 216 160 87 ],	Φ = 1.9653e-006
618.	N = 918,	t = [ 211 156 85 ],	Φ = 1.9816e-006
619.	N = 395,	t = [ 90 67 37 ],	Φ = 1.9884e-006
620.	N = 790,	t = [ 180 134 74 ],	Φ = 1.9884e-006
621.	N = 344,	t = [ 79 58 32 ],	Φ = 1.9904e-006
622.	N = 688,	t = [ 158 116 64 ],	Φ = 1.9904e-006
623.	N = 641,	t = [ 146 109 60 ],	Φ = 1.9962e-006
624.	N = 663,	t = [ 151 113 62 ],	Φ = 2.0169e-006
625.	N = 715,	t = [ 163 121 67 ],	Φ = 2.0177e-006
626.	N = 799,	t = [ 183 137 74 ],	Φ = 2.0375e-006
627.	N = 854,	t = [ 195 144 80 ],	Φ = 2.0474e-006
628.	N = 789,	t = [ 181 135 73 ],	Φ = 2.0505e-006
629.	N = 214,	t = [ 49 36 20 ],	Φ = 2.0534e-006
630.	N = 428,	t = [ 98 72 40 ],	Φ = 2.0534e-006
631.	N = 642,	t = [ 147 108 60 ],	Φ = 2.0534e-006
632.	N = 811,	t = [ 185 137 76 ],	Φ = 2.0539e-006
633.	N = 507,	t = [ 116 87 47 ],	Φ = 2.0663e-006
634.	N = 627,	t = [ 144 107 58 ],	Φ = 2.0702e-006
635.	N = 887,	t = [ 202 151 83 ],	Φ = 2.0825e-006
636.	N = 439,	t = [ 100 75 41 ],	Φ = 2.0840e-006
637.	N = 657,	t = [ 151 111 61 ],	Φ = 2.0868e-006
638.	N = 724,	t = [ 166 124 67 ],	Φ = 2.0904e-006
639.	N = 896,	t = [ 206 152 83 ],	Φ = 2.1174e-006
640.	N = 587,	t = [ 134 99 55 ],	Φ = 2.1195e-006
641.	N = 865,	t = [ 197 147 81 ],	Φ = 2.1380e-006
642.	N = 809,	t = [ 186 137 75 ],	Φ = 2.1413e-006
643.	N = 335,	t = [ 77 57 31 ],	Φ = 2.1525e-006
644.	N = 670,	t = [ 154 114 62 ],	Φ = 2.1525e-006
645.	N = 874,	t = [ 200 150 81 ],	Φ = 2.1671e-006
646.	N = 635,	t = [ 145 109 59 ],	Φ = 2.1972e-006
647.	N = 619,	t = [ 141 105 58 ],	Φ = 2.2195e-006
648.	N = 685,	t = [ 156 117 64 ],	Φ = 2.2369e-006
649.	N = 659,	t = [ 151 113 61 ],	Φ = 2.2378e-006
650.	N = 548,	t = [ 125 94 51 ],	Φ = 2.2550e-006
651.	N = 648,	t = [ 149 110 60 ],	Φ = 2.2571e-006
652.	N = 654,	t = [ 150 110 61 ],	Φ = 2.2578e-006
653.	N = 692,	t = [ 159 118 64 ],	Φ = 2.2581e-006
654.	N = 561,	t = [ 129 95 52 ],	Φ = 2.2691e-006
655.	N = 844,	t = [ 193 142 79 ],	Φ = 2.2698e-006
656.	N = 601,	t = [ 137 103 56 ],	Φ = 2.2881e-006
657.	N = 544,	t = [ 124 92 51 ],	Φ = 2.3093e-006
658.	N = 367,	t = [ 84 63 34 ],	Φ = 2.3180e-006
659.	N = 734,	t = [ 168 126 68 ],	Φ = 2.3180e-006
660.	N = 843,	t = [ 192 143 79 ],	Φ = 2.3324e-006
661.	N = 722,	t = [ 165 124 67 ],	Φ = 2.3379e-006
662.	N = 409,	t = [ 94 69 38 ],	Φ = 2.3404e-006
663.	N = 768,	t = [ 175 130 72 ],	Φ = 2.3583e-006
664.	N = 791,	t = [ 181 133 74 ],	Φ = 2.3610e-006
665.	N = 320,	t = [ 73 54 30 ],	Φ = 2.3712e-006
666.	N = 640,	t = [ 146 108 60 ],	Φ = 2.3712e-006
667.	N = 470,	t = [ 107 80 44 ],	Φ = 2.3855e-006
668.	N = 716,	t = [ 163 122 67 ],	Φ = 2.3969e-006

669.	N = 495,	t = [ 113 85 46 ],	Φ = 2.4052e-006
670.	N = 735,	t = [ 169 125 68 ],	Φ = 2.4163e-006
671.	N = 589,	t = [ 135 99 55 ],	Φ = 2.4164e-006
672.	N = 630,	t = [ 144 106 59 ],	Φ = 2.4178e-006
673.	N = 694,	t = [ 158 118 65 ],	Φ = 2.4224e-006
674.	N = 757,	t = [ 174 129 70 ],	Φ = 2.4529e-006
675.	N = 683,	t = [ 156 115 64 ],	Φ = 2.4604e-006
676.	N = 649,	t = [ 149 111 60 ],	Φ = 2.4700e-006
677.	N = 292,	t = [ 67 50 27 ],	Φ = 2.4761e-006
678.	N = 584,	t = [ 134 100 54 ],	Φ = 2.4761e-006
679.	N = 577,	t = [ 132 97 54 ],	Φ = 2.5018e-006
680.	N = 357,	t = [ 82 61 33 ],	Φ = 2.5365e-006
681.	N = 714,	t = [ 164 122 66 ],	Φ = 2.5365e-006
682.	N = 582,	t = [ 133 100 54 ],	Φ = 2.5375e-006
683.	N = 246,	t = [ 56 42 23 ],	Φ = 2.5475e-006
684.	N = 492,	t = [ 112 84 46 ],	Φ = 2.5475e-006
685.	N = 738,	t = [ 168 126 69 ],	Φ = 2.5475e-006
686.	N = 440,	t = [ 101 74 41 ],	Φ = 2.5543e-006
687.	N = 713,	t = [ 164 121 66 ],	Φ = 2.5603e-006
688.	N = 594,	t = [ 136 102 55 ],	Φ = 2.5643e-006
689.	N = 736,	t = [ 168 124 69 ],	Φ = 2.5796e-006
690.	N = 505,	t = [ 116 85 47 ],	Φ = 2.6069e-006
691.	N = 313,	t = [ 72 53 29 ],	Φ = 2.6178e-006
692.	N = 626,	t = [ 144 106 58 ],	Φ = 2.6178e-006
693.	N = 519,	t = [ 119 89 48 ],	Φ = 2.6190e-006
694.	N = 779,	t = [ 179 133 72 ],	Φ = 2.6409e-006
695.	N = 822,	t = [ 189 140 76 ],	Φ = 2.6444e-006
696.	N = 693,	t = [ 158 117 65 ],	Φ = 2.6520e-006
697.	N = 400,	t = [ 92 68 37 ],	Φ = 2.6581e-006
698.	N = 800,	t = [ 184 136 74 ],	Φ = 2.6581e-006
699.	N = 224,	t = [ 51 38 21 ],	Φ = 2.6601e-006
700.	N = 448,	t = [ 102 76 42 ],	Φ = 2.6601e-006
701.	N = 672,	t = [ 153 114 63 ],	Φ = 2.6601e-006
702.	N = 408,	t = [ 93 70 38 ],	Φ = 2.6618e-006
703.	N = 821,	t = [ 188 141 76 ],	Φ = 2.6838e-006
704.	N = 474,	t = [ 109 80 44 ],	Φ = 2.6896e-006
705.	N = 375,	t = [ 86 63 35 ],	Φ = 2.7096e-006
706.	N = 746,	t = [ 171 128 69 ],	Φ = 2.7159e-006
707.	N = 597,	t = [ 136 101 56 ],	Φ = 2.7416e-006
708.	N = 570,	t = [ 131 96 53 ],	Φ = 2.7453e-006
709.	N = 769,	t = [ 175 131 72 ],	Φ = 2.7604e-006
710.	N = 422,	t = [ 97 72 39 ],	Φ = 2.7641e-006
711.	N = 461,	t = [ 105 79 43 ],	Φ = 2.7873e-006
712.	N = 524,	t = [ 120 88 49 ],	Φ = 2.7959e-006
713.	N = 669,	t = [ 153 115 62 ],	Φ = 2.8012e-006
714.	N = 355,	t = [ 81 61 33 ],	Φ = 2.8189e-006
715.	N = 747,	t = [ 170 127 70 ],	Φ = 2.8219e-006
716.	N = 778,	t = [ 179 132 72 ],	Φ = 2.8288e-006
717.	N = 416,	t = [ 95 70 39 ],	Φ = 2.8339e-006
718.	N = 363,	t = [ 83 61 34 ],	Φ = 2.8586e-006
719.	N = 726,	t = [ 166 122 68 ],	Φ = 2.8586e-006
720.	N = 442,	t = [ 101 76 41 ],	Φ = 2.8813e-006
721.	N = 691,	t = [ 159 117 64 ],	Φ = 2.9203e-006
722.	N = 373,	t = [ 85 63 35 ],	Φ = 2.9423e-006
723.	N = 523,	t = [ 119 89 49 ],	Φ = 2.9529e-006
724.	N = 545,	t = [ 124 93 51 ],	Φ = 3.0068e-006
725.	N = 539,	t = [ 124 91 50 ],	Φ = 3.0081e-006
726.	N = 227,	t = [ 52 39 21 ],	Φ = 3.0239e-006
727.	N = 454,	t = [ 104 78 42 ],	Φ = 3.0239e-006
728.	N = 681,	t = [ 156 117 63 ],	Φ = 3.0239e-006
729.	N = 469,	t = [ 107 79 44 ],	Φ = 3.0261e-006
730.	N = 487,	t = [ 112 83 45 ],	Φ = 3.0276e-006
731.	N = 673,	t = [ 154 113 63 ],	Φ = 3.0277e-006

732.	N = 671,	t = [ 154 115 62 ],	Φ = 3.0286e-006
733.	N = 514,	t = [ 117 88 48 ],	Φ = 3.0396e-006
734.	N = 725,	t = [ 165 123 68 ],	Φ = 3.0696e-006
735.	N = 465,	t = [ 107 79 43 ],	Φ = 3.0795e-006
736.	N = 756,	t = [ 173 130 70 ],	Φ = 3.1002e-006
737.	N = 536,	t = [ 123 90 50 ],	Φ = 3.1039e-006
738.	N = 650,	t = [ 148 110 61 ],	Φ = 3.1533e-006
739.	N = 378,	t = [ 87 64 35 ],	Φ = 3.1839e-006
740.	N = 529,	t = [ 121 91 49 ],	Φ = 3.1966e-006
741.	N = 606,	t = [ 139 104 56 ],	Φ = 3.2201e-006
742.	N = 501,	t = [ 114 85 47 ],	Φ = 3.2627e-006
743.	N = 552,	t = [ 127 94 51 ],	Φ = 3.2841e-006
744.	N = 604,	t = [ 139 102 56 ],	Φ = 3.2903e-006
745.	N = 522,	t = [ 119 88 49 ],	Φ = 3.3112e-006
746.	N = 565,	t = [ 129 95 53 ],	Φ = 3.3210e-006
747.	N = 444,	t = [ 102 76 41 ],	Φ = 3.3269e-006
748.	N = 512,	t = [ 117 86 48 ],	Φ = 3.3428e-006
749.	N = 567,	t = [ 129 97 53 ],	Φ = 3.3443e-006
750.	N = 509,	t = [ 117 87 47 ],	Φ = 3.3460e-006
751.	N = 310,	t = [ 71 52 29 ],	Φ = 3.3753e-006
752.	N = 620,	t = [ 142 104 58 ],	Φ = 3.3753e-006
753.	N = 618,	t = [ 141 104 58 ],	Φ = 3.4180e-006
754.	N = 530,	t = [ 122 90 49 ],	Φ = 3.4291e-006
755.	N = 299,	t = [ 68 51 28 ],	Φ = 3.4422e-006
756.	N = 598,	t = [ 136 102 56 ],	Φ = 3.4422e-006
757.	N = 471,	t = [ 108 79 44 ],	Φ = 3.4436e-006
758.	N = 574,	t = [ 132 98 53 ],	Φ = 3.4441e-006
759.	N = 576,	t = [ 131 98 54 ],	Φ = 3.4658e-006
760.	N = 379,	t = [ 87 65 35 ],	Φ = 3.4926e-006
761.	N = 426,	t = [ 97 72 40 ],	Φ = 3.5119e-006
762.	N = 617,	t = [ 142 105 57 ],	Φ = 3.5203e-006
763.	N = 703,	t = [ 160 119 66 ],	Φ = 3.5387e-006
764.	N = 616,	t = [ 141 106 57 ],	Φ = 3.5581e-006
765.	N = 639,	t = [ 147 109 59 ],	Φ = 3.5743e-006
766.	N = 459,	t = [ 105 77 43 ],	Φ = 3.5783e-006
767.	N = 517,	t = [ 118 89 48 ],	Φ = 3.6036e-006
768.	N = 302,	t = [ 69 52 28 ],	Φ = 3.6057e-006
769.	N = 541,	t = [ 124 93 50 ],	Φ = 3.6160e-006
770.	N = 443,	t = [ 102 75 41 ],	Φ = 3.6190e-006
771.	N = 575,	t = [ 131 97 54 ],	Φ = 3.6304e-006
772.	N = 661,	t = [ 151 111 62 ],	Φ = 3.6457e-006
773.	N = 704,	t = [ 162 120 65 ],	Φ = 3.7145e-006
774.	N = 595,	t = [ 137 101 55 ],	Φ = 3.7213e-006
775.	N = 682,	t = [ 157 116 63 ],	Φ = 3.7333e-006
776.	N = 483,	t = [ 110 83 45 ],	Φ = 3.7715e-006
777.	N = 268,	t = [ 61 46 25 ],	Φ = 3.7808e-006
778.	N = 608,	t = [ 139 102 57 ],	Φ = 3.7882e-006
779.	N = 277,	t = [ 63 47 26 ],	Φ = 3.7972e-006
780.	N = 554,	t = [ 126 94 52 ],	Φ = 3.7972e-006
781.	N = 596,	t = [ 137 102 55 ],	Φ = 3.8442e-006
782.	N = 651,	t = [ 148 111 61 ],	Φ = 3.8466e-006
783.	N = 629,	t = [ 143 107 59 ],	Φ = 3.9265e-006
784.	N = 531,	t = [ 122 91 49 ],	Φ = 3.9454e-006
785.	N = 389,	t = [ 89 67 36 ],	Φ = 3.9514e-006
786.	N = 628,	t = [ 143 106 59 ],	Φ = 3.9550e-006
787.	N = 508,	t = [ 117 86 47 ],	Φ = 3.9616e-006
788.	N = 660,	t = [ 152 112 61 ],	Φ = 3.9680e-006
789.	N = 215,	t = [ 49 37 20 ],	Φ = 3.9749e-006
790.	N = 430,	t = [ 98 74 40 ],	Φ = 3.9749e-006
791.	N = 479,	t = [ 109 81 45 ],	Φ = 4.0390e-006
792.	N = 321,	t = [ 73 55 30 ],	Φ = 4.0837e-006
793.	N = 314,	t = [ 72 54 29 ],	Φ = 4.1011e-006
794.	N = 555,	t = [ 127 93 52 ],	Φ = 4.1208e-006



795.	N = 387,	t = [ 89 65 36 ],	Φ = 4.1274e-006
796.	N = 226,	t = [ 52 38 21 ],	Φ = 4.1394e-006
797.	N = 452,	t = [ 104 76 42 ],	Φ = 4.1394e-006
798.	N = 406,	t = [ 93 68 38 ],	Φ = 4.2037e-006
799.	N = 352,	t = [ 80 60 33 ],	Φ = 4.2188e-006
800.	N = 466,	t = [ 107 80 43 ],	Φ = 4.2192e-006
801.	N = 573,	t = [ 132 97 53 ],	Φ = 4.2375e-006
802.	N = 607,	t = [ 138 103 57 ],	Φ = 4.2701e-006
803.	N = 161,	t = [ 37 27 15 ],	Φ = 4.3154e-006
804.	N = 322,	t = [ 74 54 30 ],	Φ = 4.3154e-006
805.	N = 291,	t = [ 67 49 27 ],	Φ = 4.3434e-006
806.	N = 464,	t = [ 106 80 43 ],	Φ = 4.3714e-006
807.	N = 476,	t = [ 109 82 44 ],	Φ = 4.3738e-006
808.	N = 551,	t = [ 126 95 51 ],	Φ = 4.4624e-006
809.	N = 638,	t = [ 147 108 59 ],	Φ = 4.4640e-006
810.	N = 532,	t = [ 121 90 50 ],	Φ = 4.5138e-006
811.	N = 374,	t = [ 85 64 35 ],	Φ = 4.5143e-006
812.	N = 377,	t = [ 86 65 35 ],	Φ = 4.5837e-006
813.	N = 356,	t = [ 82 60 33 ],	Φ = 4.5844e-006
814.	N = 330,	t = [ 75 56 31 ],	Φ = 4.6893e-006
815.	N = 418,	t = [ 96 70 39 ],	Φ = 4.7027e-006
816.	N = 553,	t = [ 127 95 51 ],	Φ = 4.7571e-006
817.	N = 563,	t = [ 129 97 52 ],	Φ = 4.7577e-006
818.	N = 502,	t = [ 115 84 47 ],	Φ = 4.7606e-006
819.	N = 421,	t = [ 97 71 39 ],	Φ = 4.8016e-006
820.	N = 401,	t = [ 92 69 37 ],	Φ = 4.8313e-006
821.	N = 500,	t = [ 114 84 47 ],	Φ = 4.8697e-006
822.	N = 405,	t = [ 92 69 38 ],	Φ = 4.8719e-006
823.	N = 149,	t = [ 34 25 14 ],	Φ = 4.8868e-006
824.	N = 298,	t = [ 68 50 28 ],	Φ = 4.8868e-006
825.	N = 447,	t = [ 102 75 42 ],	Φ = 4.8868e-006
826.	N = 351,	t = [ 80 59 33 ],	Φ = 4.9096e-006
827.	N = 585,	t = [ 133 99 55 ],	Φ = 4.9375e-006
828.	N = 427,	t = [ 97 73 40 ],	Φ = 4.9554e-006
829.	N = 486,	t = [ 112 82 45 ],	Φ = 4.9870e-006
830.	N = 543,	t = [ 124 91 51 ],	Φ = 5.0405e-006
831.	N = 257,	t = [ 59 43 24 ],	Φ = 5.0498e-006
832.	N = 202,	t = [ 46 34 19 ],	Φ = 5.1293e-006
833.	N = 404,	t = [ 92 68 38 ],	Φ = 5.1293e-006
834.	N = 394,	t = [ 90 66 37 ],	Φ = 5.1331e-006
835.	N = 396,	t = [ 90 68 37 ],	Φ = 5.3369e-006
836.	N = 488,	t = [ 112 84 45 ],	Φ = 5.3472e-006
837.	N = 343,	t = [ 78 59 32 ],	Φ = 5.3601e-006
838.	N = 480,	t = [ 109 82 45 ],	Φ = 5.3689e-006
839.	N = 383,	t = [ 87 65 36 ],	Φ = 5.3949e-006
840.	N = 245,	t = [ 56 41 23 ],	Φ = 5.4058e-006
841.	N = 490,	t = [ 112 82 46 ],	Φ = 5.4058e-006
842.	N = 457,	t = [ 104 77 43 ],	Φ = 5.4149e-006
843.	N = 458,	t = [ 104 78 43 ],	Φ = 5.4200e-006
844.	N = 449,	t = [ 102 77 42 ],	Φ = 5.4793e-006
845.	N = 217,	t = [ 50 37 20 ],	Φ = 5.5165e-006
846.	N = 434,	t = [ 100 74 40 ],	Φ = 5.5165e-006
847.	N = 586,	t = [ 135 100 54 ],	Φ = 5.5305e-006
848.	N = 499,	t = [ 115 85 46 ],	Φ = 5.5379e-006
849.	N = 369,	t = [ 85 63 34 ],	Φ = 5.5525e-006
850.	N = 353,	t = [ 81 59 33 ],	Φ = 5.5648e-006
851.	N = 282,	t = [ 65 48 26 ],	Φ = 5.5821e-006
852.	N = 564,	t = [ 130 96 52 ],	Φ = 5.5821e-006
853.	N = 521,	t = [ 120 89 48 ],	Φ = 5.5895e-006
854.	N = 347,	t = [ 80 59 32 ],	Φ = 5.6880e-006
855.	N = 255,	t = [ 58 43 24 ],	Φ = 5.7134e-006
856.	N = 510,	t = [ 116 86 48 ],	Φ = 5.7134e-006
857.	N = 152,	t = [ 35 26 14 ],	Φ = 5.7331e-006

858.	N = 304,	t = [ 70 52 28 ],	Φ = 5.7331e-006
859.	N = 456,	t = [ 105 78 42 ],	Φ = 5.7331e-006
860.	N = 533,	t = [ 121 91 50 ],	Φ = 5.7443e-006
861.	N = 290,	t = [ 66 50 27 ],	Φ = 5.7758e-006
862.	N = 412,	t = [ 95 70 38 ],	Φ = 5.7892e-006
863.	N = 411,	t = [ 94 71 38 ],	Φ = 5.8047e-006
864.	N = 341,	t = [ 78 57 32 ],	Φ = 5.8367e-006
865.	N = 249,	t = [ 57 43 23 ],	Φ = 5.8693e-006
866.	N = 498,	t = [ 114 86 46 ],	Φ = 5.8693e-006
867.	N = 477,	t = [ 110 81 44 ],	Φ = 5.8775e-006
868.	N = 511,	t = [ 116 87 48 ],	Φ = 5.8829e-006
869.	N = 542,	t = [ 125 92 50 ],	Φ = 5.9529e-006
870.	N = 436,	t = [ 99 74 41 ],	Φ = 5.9628e-006
871.	N = 162,	t = [ 37 28 15 ],	Φ = 5.9962e-006
872.	N = 324,	t = [ 74 56 30 ],	Φ = 5.9962e-006
873.	N = 391,	t = [ 90 67 36 ],	Φ = 6.0431e-006
874.	N = 437,	t = [ 100 73 41 ],	Φ = 6.1325e-006
875.	N = 336,	t = [ 77 58 31 ],	Φ = 6.1510e-006
876.	N = 308,	t = [ 70 52 29 ],	Φ = 6.2736e-006
877.	N = 239,	t = [ 55 41 22 ],	Φ = 6.3108e-006
878.	N = 478,	t = [ 110 82 44 ],	Φ = 6.3108e-006
879.	N = 423,	t = [ 97 73 39 ],	Φ = 6.4212e-006
880.	N = 489,	t = [ 111 83 46 ],	Φ = 6.4279e-006
881.	N = 399,	t = [ 91 69 37 ],	Φ = 6.5615e-006
882.	N = 326,	t = [ 75 56 30 ],	Φ = 6.7042e-006
883.	N = 65,	t = [ 15 11 6 ],	Φ = 6.7249e-006
884.	N = 130,	t = [ 30 22 12 ],	Φ = 6.7249e-006
885.	N = 195,	t = [ 45 33 18 ],	Φ = 6.7249e-006
886.	N = 260,	t = [ 60 44 24 ],	Φ = 6.7249e-006
887.	N = 325,	t = [ 75 55 30 ],	Φ = 6.7249e-006
888.	N = 390,	t = [ 90 66 36 ],	Φ = 6.7249e-006
889.	N = 455,	t = [ 105 77 42 ],	Φ = 6.7249e-006
890.	N = 520,	t = [ 120 88 48 ],	Φ = 6.7249e-006
891.	N = 361,	t = [ 82 61 34 ],	Φ = 6.7539e-006
892.	N = 413,	t = [ 95 71 38 ],	Φ = 6.9679e-006
893.	N = 365,	t = [ 83 63 34 ],	Φ = 7.0355e-006
894.	N = 414,	t = [ 94 70 39 ],	Φ = 7.1567e-006
895.	N = 237,	t = [ 54 41 22 ],	Φ = 7.1628e-006
896.	N = 334,	t = [ 77 56 31 ],	Φ = 7.2018e-006
897.	N = 467,	t = [ 106 79 44 ],	Φ = 7.4946e-006
898.	N = 96,	t = [ 22 16 9 ],	Φ = 7.4987e-006
899.	N = 192,	t = [ 44 32 18 ],	Φ = 7.4987e-006
900.	N = 288,	t = [ 66 48 27 ],	Φ = 7.4987e-006
901.	N = 384,	t = [ 88 64 36 ],	Φ = 7.4987e-006
902.	N = 435,	t = [ 99 73 41 ],	Φ = 7.5645e-006
903.	N = 425,	t = [ 97 71 40 ],	Φ = 7.6587e-006
904.	N = 382,	t = [ 87 64 36 ],	Φ = 7.7663e-006
905.	N = 433,	t = [ 99 75 40 ],	Φ = 7.7875e-006
906.	N = 269,	t = [ 62 45 25 ],	Φ = 7.9521e-006
907.	N = 445,	t = [ 102 77 41 ],	Φ = 8.1703e-006
908.	N = 312,	t = [ 71 54 29 ],	Φ = 8.1859e-006
909.	N = 87,	t = [ 20 15 8 ],	Φ = 8.1912e-006
910.	N = 174,	t = [ 40 30 16 ],	Φ = 8.1912e-006
911.	N = 261,	t = [ 60 45 24 ],	Φ = 8.1912e-006
912.	N = 348,	t = [ 80 60 32 ],	Φ = 8.1912e-006
913.	N = 329,	t = [ 75 55 31 ],	Φ = 8.2832e-006
914.	N = 468,	t = [ 107 78 44 ],	Φ = 8.2896e-006
915.	N = 300,	t = [ 69 50 28 ],	Φ = 8.3939e-006
916.	N = 358,	t = [ 82 62 33 ],	Φ = 8.4377e-006
917.	N = 368,	t = [ 85 62 34 ],	Φ = 8.5620e-006
918.	N = 346,	t = [ 79 60 32 ],	Φ = 8.5786e-006
919.	N = 372,	t = [ 85 62 35 ],	Φ = 8.6667e-006
920.	N = 303,	t = [ 70 51 28 ],	Φ = 9.0646e-006

921.	N = 271,	t = [ 62 47 25 ],	Φ = 9.1081e-006
922.	N = 446,	t = [ 103 76 41 ],	Φ = 9.1439e-006
923.	N = 392,	t = [ 89 66 37 ],	Φ = 9.2161e-006
924.	N = 339,	t = [ 77 57 32 ],	Φ = 9.2706e-006
925.	N = 276,	t = [ 63 46 26 ],	Φ = 9.4682e-006
926.	N = 286,	t = [ 65 48 27 ],	Φ = 9.4870e-006
927.	N = 415,	t = [ 94 71 39 ],	Φ = 9.5072e-006
928.	N = 181,	t = [ 41 31 17 ],	Φ = 9.5149e-006
929.	N = 362,	t = [ 82 62 34 ],	Φ = 9.5149e-006
930.	N = 234,	t = [ 53 40 22 ],	Φ = 9.5391e-006
931.	N = 309,	t = [ 70 53 29 ],	Φ = 9.6121e-006
932.	N = 287,	t = [ 65 49 27 ],	Φ = 9.6437e-006
933.	N = 204,	t = [ 47 34 19 ],	Φ = 9.7135e-006
934.	N = 403,	t = [ 93 69 37 ],	Φ = 9.7222e-006
935.	N = 340,	t = [ 77 58 32 ],	Φ = 9.7559e-006
936.	N = 381,	t = [ 88 65 35 ],	Φ = 9.7942e-006
937.	N = 393,	t = [ 89 67 37 ],	Φ = 9.8584e-006
938.	N = 424,	t = [ 98 72 39 ],	Φ = 9.8627e-006
939.	N = 238,	t = [ 55 40 22 ],	Φ = 9.9172e-006
940.	N = 128,	t = [ 29 22 12 ],	Φ = 9.9198e-006
941.	N = 256,	t = [ 58 44 24 ],	Φ = 9.9198e-006
942.	N = 370,	t = [ 85 64 34 ],	Φ = 9.9955e-006
943.	N = 331,	t = [ 76 55 31 ],	Φ = 1.0056e-005
944.	N = 233,	t = [ 53 39 22 ],	Φ = 1.0094e-005
945.	N = 359,	t = [ 83 61 33 ],	Φ = 1.0562e-005
946.	N = 319,	t = [ 73 53 30 ],	Φ = 1.0581e-005
947.	N = 283,	t = [ 65 49 26 ],	Φ = 1.0643e-005
948.	N = 259,	t = [ 59 45 24 ],	Φ = 1.0702e-005
949.	N = 203,	t = [ 46 35 19 ],	Φ = 1.0771e-005
950.	N = 316,	t = [ 73 54 29 ],	Φ = 1.0830e-005
951.	N = 380,	t = [ 87 66 35 ],	Φ = 1.0841e-005
952.	N = 53,	t = [ 12 9 5 ],	Φ = 1.0931e-005
953.	N = 106,	t = [ 24 18 10 ],	Φ = 1.0931e-005
954.	N = 159,	t = [ 36 27 15 ],	Φ = 1.0931e-005
955.	N = 212,	t = [ 48 36 20 ],	Φ = 1.0931e-005
956.	N = 265,	t = [ 60 45 25 ],	Φ = 1.0931e-005
957.	N = 318,	t = [ 72 54 30 ],	Φ = 1.0931e-005
958.	N = 371,	t = [ 84 63 35 ],	Φ = 1.0931e-005
959.	N = 338,	t = [ 78 58 31 ],	Φ = 1.0972e-005
960.	N = 184,	t = [ 42 32 17 ],	Φ = 1.1235e-005
961.	N = 402,	t = [ 93 68 37 ],	Φ = 1.1286e-005
962.	N = 278,	t = [ 63 48 26 ],	Φ = 1.1319e-005
963.	N = 235,	t = [ 54 39 22 ],	Φ = 1.1348e-005
964.	N = 173,	t = [ 40 29 16 ],	Φ = 1.1631e-005
965.	N = 294,	t = [ 68 50 27 ],	Φ = 1.1641e-005
966.	N = 360,	t = [ 83 62 33 ],	Φ = 1.1747e-005
967.	N = 180,	t = [ 41 30 17 ],	Φ = 1.1771e-005
968.	N = 196,	t = [ 45 34 18 ],	Φ = 1.1986e-005
969.	N = 223,	t = [ 51 37 21 ],	Φ = 1.2212e-005
970.	N = 337,	t = [ 78 57 31 ],	Φ = 1.2303e-005
971.	N = 293,	t = [ 67 51 27 ],	Φ = 1.2474e-005
972.	N = 251,	t = [ 58 43 23 ],	Φ = 1.2667e-005
973.	N = 349,	t = [ 79 59 33 ],	Φ = 1.2997e-005
974.	N = 273,	t = [ 63 47 25 ],	Φ = 1.3215e-005
975.	N = 75,	t = [ 17 13 7 ],	Φ = 1.3292e-005
976.	N = 150,	t = [ 34 26 14 ],	Φ = 1.3292e-005
977.	N = 225,	t = [ 51 39 21 ],	Φ = 1.3292e-005
978.	N = 281,	t = [ 65 47 26 ],	Φ = 1.3302e-005
979.	N = 305,	t = [ 70 53 28 ],	Φ = 1.3371e-005
980.	N = 317,	t = [ 72 53 30 ],	Φ = 1.3403e-005
981.	N = 296,	t = [ 67 50 28 ],	Φ = 1.3463e-005
982.	N = 229,	t = [ 53 39 21 ],	Φ = 1.3500e-005
983.	N = 307,	t = [ 70 51 29 ],	Φ = 1.3627e-005

984.	N = 350,	t = [ 80 58 33 ],	Φ = 1.3859e-005
985.	N = 272,	t = [ 63 46 25 ],	Φ = 1.3888e-005
986.	N = 243,	t = [ 55 41 23 ],	Φ = 1.4183e-005
987.	N = 266,	t = [ 61 44 25 ],	Φ = 1.4351e-005
988.	N = 247,	t = [ 57 41 23 ],	Φ = 1.4408e-005
989.	N = 295,	t = [ 68 51 27 ],	Φ = 1.4578e-005
990.	N = 139,	t = [ 32 23 13 ],	Φ = 1.5001e-005
991.	N = 264,	t = [ 60 44 25 ],	Φ = 1.5109e-005
992.	N = 315,	t = [ 73 53 29 ],	Φ = 1.5417e-005
993.	N = 190,	t = [ 43 32 18 ],	Φ = 1.5424e-005
994.	N = 109,	t = [ 25 19 10 ],	Φ = 1.6200e-005
995.	N = 218,	t = [ 50 38 20 ],	Φ = 1.6200e-005
996.	N = 327,	t = [ 75 57 30 ],	Φ = 1.6200e-005
997.	N = 108,	t = [ 25 18 10 ],	Φ = 1.6399e-005
998.	N = 216,	t = [ 50 36 20 ],	Φ = 1.6399e-005
999.	N = 206,	t = [ 47 36 19 ],	Φ = 1.6506e-005
1000.	N = 186,	t = [ 43 32 17 ],	Φ = 1.6517e-005
1001.	N = 207,	t = [ 48 35 19 ],	Φ = 1.6676e-005
1002.	N = 127,	t = [ 29 21 12 ],	Φ = 1.7118e-005
1003.	N = 254,	t = [ 58 42 24 ],	Φ = 1.7118e-005
1004.	N = 164,	t = [ 38 28 15 ],	Φ = 1.7346e-005
1005.	N = 328,	t = [ 76 56 30 ],	Φ = 1.7346e-005
1006.	N = 297,	t = [ 68 49 28 ],	Φ = 1.7803e-005
1007.	N = 208,	t = [ 48 36 19 ],	Φ = 1.7871e-005
1008.	N = 137,	t = [ 31 23 13 ],	Φ = 1.7984e-005
1009.	N = 274,	t = [ 62 46 26 ],	Φ = 1.7984e-005
1010.	N = 172,	t = [ 39 30 16 ],	Φ = 1.8004e-005
1011.	N = 250,	t = [ 58 42 23 ],	Φ = 1.8324e-005
1012.	N = 211,	t = [ 48 35 20 ],	Φ = 1.8430e-005
1013.	N = 170,	t = [ 39 28 16 ],	Φ = 1.9192e-005
1014.	N = 306,	t = [ 71 52 28 ],	Φ = 1.9240e-005
1015.	N = 275,	t = [ 62 47 26 ],	Φ = 2.0003e-005
1016.	N = 285,	t = [ 66 49 26 ],	Φ = 2.0250e-005
1017.	N = 230,	t = [ 53 40 21 ],	Φ = 2.0264e-005
1018.	N = 240,	t = [ 55 42 22 ],	Φ = 2.0423e-005
1019.	N = 221,	t = [ 50 37 21 ],	Φ = 2.0551e-005
1020.	N = 182,	t = [ 42 30 17 ],	Φ = 2.0918e-005
1021.	N = 244,	t = [ 55 42 23 ],	Φ = 2.1171e-005
1022.	N = 263,	t = [ 61 45 24 ],	Φ = 2.1233e-005
1023.	N = 228,	t = [ 52 40 21 ],	Φ = 2.1498e-005
1024.	N = 213,	t = [ 49 35 20 ],	Φ = 2.2383e-005
1025.	N = 142,	t = [ 33 24 13 ],	Φ = 2.2734e-005
1026.	N = 284,	t = [ 66 48 26 ],	Φ = 2.2734e-005
1027.	N = 222,	t = [ 50 38 21 ],	Φ = 2.2771e-005
1028.	N = 97,	t = [ 22 17 9 ],	Φ = 2.2937e-005
1029.	N = 194,	t = [ 44 34 18 ],	Φ = 2.2937e-005
1030.	N = 253,	t = [ 57 43 24 ],	Φ = 2.3054e-005
1031.	N = 252,	t = [ 58 44 23 ],	Φ = 2.3113e-005
1032.	N = 151,	t = [ 35 25 14 ],	Φ = 2.3534e-005
1033.	N = 185,	t = [ 43 31 17 ],	Φ = 2.3888e-005
1034.	N = 241,	t = [ 56 41 22 ],	Φ = 2.3921e-005
1035.	N = 242,	t = [ 55 40 23 ],	Φ = 2.4348e-005
1036.	N = 201,	t = [ 46 33 19 ],	Φ = 2.4398e-005
1037.	N = 131,	t = [ 30 23 12 ],	Φ = 2.4474e-005
1038.	N = 262,	t = [ 60 46 24 ],	Φ = 2.4474e-005
1039.	N = 84,	t = [ 19 14 8 ],	Φ = 2.5463e-005
1040.	N = 168,	t = [ 38 28 16 ],	Φ = 2.5463e-005
1041.	N = 191,	t = [ 43 33 18 ],	Φ = 2.5650e-005
1042.	N = 158,	t = [ 36 26 15 ],	Φ = 2.6010e-005
1043.	N = 200,	t = [ 45 34 19 ],	Φ = 2.7021e-005
1044.	N = 220,	t = [ 51 38 20 ],	Φ = 2.7251e-005
1045.	N = 121,	t = [ 28 21 11 ],	Φ = 2.7439e-005
1046.	N = 169,	t = [ 38 29 16 ],	Φ = 2.7771e-005

1047.	N = 231,	t = [ 52 39 22 ],	Φ = 2.8771e-005
1048.	N = 99,	t = [ 23 17 9 ],	Φ = 2.8772e-005
1049.	N = 198,	t = [ 46 34 18 ],	Φ = 2.8772e-005
1050.	N = 219,	t = [ 51 37 20 ],	Φ = 2.9330e-005
1051.	N = 232,	t = [ 53 38 22 ],	Φ = 2.9411e-005
1052.	N = 143,	t = [ 33 25 13 ],	Φ = 3.0248e-005
1053.	N = 153,	t = [ 35 27 14 ],	Φ = 3.1811e-005
1054.	N = 199,	t = [ 45 33 19 ],	Φ = 3.1970e-005
1055.	N = 119,	t = [ 27 21 11 ],	Φ = 3.2058e-005
1056.	N = 189,	t = [ 43 31 18 ],	Φ = 3.3278e-005
1057.	N = 176,	t = [ 41 30 16 ],	Φ = 3.3378e-005
1058.	N = 165,	t = [ 38 29 15 ],	Φ = 3.4250e-005
1059.	N = 147,	t = [ 33 25 14 ],	Φ = 3.4590e-005
1060.	N = 138,	t = [ 31 24 13 ],	Φ = 3.5315e-005
1061.	N = 160,	t = [ 36 28 15 ],	Φ = 3.5806e-005
1062.	N = 178,	t = [ 40 30 17 ],	Φ = 3.5858e-005
1063.	N = 115,	t = [ 26 19 11 ],	Φ = 3.7423e-005
1064.	N = 120,	t = [ 28 20 11 ],	Φ = 3.7969e-005
1065.	N = 175,	t = [ 40 31 16 ],	Φ = 3.8089e-005
1066.	N = 163,	t = [ 38 27 15 ],	Φ = 3.8270e-005
1067.	N = 187,	t = [ 43 33 17 ],	Φ = 3.8421e-005
1068.	N = 209,	t = [ 47 35 20 ],	Φ = 3.8718e-005
1069.	N = 116,	t = [ 26 20 11 ],	Φ = 3.9054e-005
1070.	N = 197,	t = [ 46 33 18 ],	Φ = 3.9180e-005
1071.	N = 141,	t = [ 32 25 13 ],	Φ = 3.9701e-005
1072.	N = 117,	t = [ 27 19 11 ],	Φ = 4.1146e-005
1073.	N = 74,	t = [ 17 12 7 ],	Φ = 4.2371e-005
1074.	N = 148,	t = [ 34 24 14 ],	Φ = 4.2371e-005
1075.	N = 177,	t = [ 41 31 16 ],	Φ = 4.3192e-005
1076.	N = 210,	t = [ 49 36 19 ],	Φ = 4.3490e-005
1077.	N = 155,	t = [ 36 27 14 ],	Φ = 4.3709e-005
1078.	N = 77,	t = [ 18 13 7 ],	Φ = 4.3709e-005
1079.	N = 154,	t = [ 36 26 14 ],	Φ = 4.3709e-005
1080.	N = 179,	t = [ 41 29 17 ],	Φ = 4.5542e-005
1081.	N = 146,	t = [ 33 24 14 ],	Φ = 4.5806e-005
1082.	N = 133,	t = [ 31 23 12 ],	Φ = 4.7723e-005
1083.	N = 105,	t = [ 24 17 10 ],	Φ = 4.8901e-005
1084.	N = 43,	t = [ 10 7 4 ],	Φ = 4.9314e-005
1085.	N = 86,	t = [ 20 14 8 ],	Φ = 4.9314e-005
1086.	N = 129,	t = [ 30 21 12 ],	Φ = 4.9314e-005
1087.	N = 125,	t = [ 28 21 12 ],	Φ = 5.1096e-005
1088.	N = 188,	t = [ 44 32 17 ],	Φ = 5.1913e-005
1089.	N = 156,	t = [ 35 26 15 ],	Φ = 5.2915e-005
1090.	N = 94,	t = [ 21 16 9 ],	Φ = 5.3804e-005
1091.	N = 136,	t = [ 31 22 13 ],	Φ = 5.4738e-005
1092.	N = 167,	t = [ 38 27 16 ],	Φ = 5.9232e-005
1093.	N = 111,	t = [ 26 19 10 ],	Φ = 5.9684e-005
1094.	N = 157,	t = [ 35 27 15 ],	Φ = 6.1087e-005
1095.	N = 107,	t = [ 24 19 10 ],	Φ = 6.2866e-005
1096.	N = 85,	t = [ 19 15 8 ],	Φ = 6.5178e-005
1097.	N = 132,	t = [ 31 22 12 ],	Φ = 6.5191e-005
1098.	N = 166,	t = [ 39 28 15 ],	Φ = 6.7082e-005
1099.	N = 145,	t = [ 34 25 13 ],	Φ = 7.2302e-005
1100.	N = 98,	t = [ 23 16 9 ],	Φ = 7.6119e-005
1101.	N = 135,	t = [ 30 23 13 ],	Φ = 7.9536e-005
1102.	N = 63,	t = [ 14 11 6 ],	Φ = 8.0432e-005
1103.	N = 126,	t = [ 28 22 12 ],	Φ = 8.0432e-005
1104.	N = 100,	t = [ 23 18 9 ],	Φ = 8.5094e-005
1105.	N = 134,	t = [ 30 22 13 ],	Φ = 8.5507e-005
1106.	N = 78,	t = [ 18 14 7 ],	Φ = 8.5710e-005
1107.	N = 122,	t = [ 28 22 11 ],	Φ = 8.5841e-005
1108.	N = 31,	t = [ 7 5 3 ],	Φ = 8.6457e-005
1109.	N = 62,	t = [ 14 10 6 ],	Φ = 8.6457e-005

1110.	N = 93,	t = [ 21 15 9 ],	Φ = 8.6457e-005
1111.	N = 124,	t = [ 28 20 12 ],	Φ = 8.6457e-005
1112.	N = 144,	t = [ 33 26 13 ],	Φ = 8.6884e-005
1113.	N = 103,	t = [ 23 17 10 ],	Φ = 8.9130e-005
1114.	N = 89,	t = [ 21 15 8 ],	Φ = 9.1350e-005
1115.	N = 56,	t = [ 13 10 5 ],	Φ = 9.2234e-005
1116.	N = 112,	t = [ 26 20 10 ],	Φ = 9.2234e-005
1117.	N = 123,	t = [ 29 21 11 ],	Φ = 9.4024e-005
1118.	N = 22,	t = [ 5 4 2 ],	Φ = 1.0044e-004
1119.	N = 44,	t = [ 10 8 4 ],	Φ = 1.0044e-004
1120.	N = 66,	t = [ 15 12 6 ],	Φ = 1.0044e-004
1121.	N = 88,	t = [ 20 16 8 ],	Φ = 1.0044e-004
1122.	N = 110,	t = [ 25 20 10 ],	Φ = 1.0044e-004
1123.	N = 72,	t = [ 16 12 7 ],	Φ = 1.0069e-004
1124.	N = 95,	t = [ 22 15 9 ],	Φ = 1.0315e-004
1125.	N = 104,	t = [ 23 18 10 ],	Φ = 1.0348e-004
1126.	N = 90,	t = [ 21 16 8 ],	Φ = 1.0352e-004
1127.	N = 55,	t = [ 13 9 5 ],	Φ = 1.1003e-004
1128.	N = 114,	t = [ 26 18 11 ],	Φ = 1.1308e-004
1129.	N = 113,	t = [ 25 19 11 ],	Φ = 1.1670e-004
1130.	N = 83,	t = [ 19 13 8 ],	Φ = 1.3009e-004
1131.	N = 34,	t = [ 8 6 3 ],	Φ = 1.3352e-004
1132.	N = 68,	t = [ 16 12 6 ],	Φ = 1.3352e-004
1133.	N = 102,	t = [ 24 18 9 ],	Φ = 1.3352e-004
1134.	N = 101,	t = [ 24 17 9 ],	Φ = 1.3940e-004
1135.	N = 64,	t = [ 15 10 6 ],	Φ = 1.5444e-004
1136.	N = 41,	t = [ 9 7 4 ],	Φ = 1.5742e-004
1137.	N = 82,	t = [ 18 14 8 ],	Φ = 1.5742e-004
1138.	N = 76,	t = [ 17 14 7 ],	Φ = 1.6220e-004
1139.	N = 73,	t = [ 16 13 7 ],	Φ = 1.7946e-004
1140.	N = 67,	t = [ 16 11 6 ],	Φ = 1.8014e-004
1141.	N = 52,	t = [ 12 8 5 ],	Φ = 1.8080e-004
1142.	N = 81,	t = [ 18 13 8 ],	Φ = 1.8112e-004
1143.	N = 80,	t = [ 19 14 7 ],	Φ = 1.8430e-004
1144.	N = 91,	t = [ 20 15 9 ],	Φ = 1.9647e-004
1145.	N = 54,	t = [ 12 10 5 ],	Φ = 2.0085e-004
1146.	N = 71,	t = [ 16 11 7 ],	Φ = 2.1711e-004
1147.	N = 92,	t = [ 20 16 9 ],	Φ = 2.2946e-004
1148.	N = 46,	t = [ 11 8 4 ],	Φ = 2.3345e-004
1149.	N = 79,	t = [ 19 13 7 ],	Φ = 2.4336e-004
1150.	N = 50,	t = [ 11 8 5 ],	Φ = 2.6581e-004
1151.	N = 60,	t = [ 13 10 6 ],	Φ = 3.0399e-004
1152.	N = 51,	t = [ 11 9 5 ],	Φ = 3.0501e-004
1153.	N = 69,	t = [ 16 13 6 ],	Φ = 3.0522e-004
1154.	N = 58,	t = [ 14 10 5 ],	Φ = 3.1747e-004
1155.	N = 32,	t = [ 7 6 3 ],	Φ = 3.2387e-004
1156.	N = 61,	t = [ 14 9 6 ],	Φ = 3.6113e-004
1157.	N = 40,	t = [ 9 6 4 ],	Φ = 3.6161e-004
1158.	N = 70,	t = [ 15 12 7 ],	Φ = 3.8161e-004
1159.	N = 57,	t = [ 13 11 5 ],	Φ = 3.9252e-004
1160.	N = 59,	t = [ 14 11 5 ],	Φ = 4.1506e-004
1161.	N = 33,	t = [ 8 5 3 ],	Φ = 4.6064e-004
1162.	N = 47,	t = [ 11 9 4 ],	Φ = 4.6245e-004
1163.	N = 45,	t = [ 11 7 4 ],	Φ = 4.8886e-004
1164.	N = 42,	t = [ 9 8 4 ],	Φ = 5.4635e-004
1165.	N = 21,	t = [ 5 3 2 ],	Φ = 5.6146e-004
1166.	N = 49,	t = [ 11 7 5 ],	Φ = 6.3741e-004
1167.	N = 35,	t = [ 8 7 3 ],	Φ = 6.8066e-004
1168.	N = 12,	t = [ 3 2 1 ],	Φ = 8.1481e-004
1169.	N = 24,	t = [ 6 4 2 ],	Φ = 8.1481e-004
1170.	N = 36,	t = [ 9 6 3 ],	Φ = 8.1481e-004
1171.	N = 48,	t = [ 12 8 4 ],	Φ = 8.1481e-004
1172.	N = 37,	t = [ 9 7 3 ],	Φ = 8.1976e-004

1173.	N =	19,	t = [ 4 3 2	],	Φ = 8.4900e-004
1174.	N =	38,	t = [ 8 6 4	],	Φ = 8.4900e-004
1175.	N =	29,	t = [ 6 5 3	],	Φ = 8.6381e-004
1176.	N =	30,	t = [ 7 4 3	],	Φ = 9.2513e-004
1177.	N =	39,	t = [ 8 7 4	],	Φ = 9.8128e-004
1178.	N =	25,	t = [ 6 5 2	],	Φ = 1.1003e-003
1179.	N =	28,	t = [ 6 4 3	],	Φ = 1.1480e-003
1180.	N =	23,	t = [ 5 5 2	],	Φ = 1.6694e-003
1181.	N =	10,	t = [ 2 2 1	],	Φ = 1.7402e-003
1182.	N =	20,	t = [ 4 4 2	],	Φ = 1.7402e-003
1183.	N =	27,	t = [ 7 5 2	],	Φ = 2.1739e-003
1184.	N =	9,	t = [ 2 1 1	],	Φ = 2.7943e-003
1185.	N =	18,	t = [ 4 2 2	],	Φ = 2.7943e-003
1186.	N =	13,	t = [ 3 3 1	],	Φ = 2.9199e-003
1187.	N =	26,	t = [ 6 6 2	],	Φ = 2.9199e-003
1188.	N =	15,	t = [ 4 3 1	],	Φ = 4.0034e-003
1189.	N =	17,	t = [ 3 3 2	],	Φ = 4.8530e-003
1190.	N =	16,	t = [ 3 2 2	],	Φ = 5.6527e-003
1191.	N =	14,	t = [ 4 2 1	],	Φ = 5.8939e-003
1192.	N =	11,	t = [ 3 1 1	],	Φ = 6.2286e-003
1193.	N =	7,	t = [ 1 1 1	],	Φ = 1.5229e-002

#### 4. Συγκερασμοί τής κλίμακας τής Έπιτροπής 1881 - Μέχρι 100 κόμματα

Αὐτὴ ἢ νεανὲς κλίμακα εἶναι ἡ ἑξῆς<sup>6</sup>:

$N\eta - 27/25 - \text{Πα} - 2500/2187 - \text{Βου} - 27/25 - \text{Γα} - 9/8 - \Delta\iota - 27/25 - \text{Κε} - 2500/2187 - \text{Ζω}' - 27/25 - \text{Νη}'$ ,

Ἡ συγκερασμένη κλίμακα, δίνεται ὡς ἑξῆς:

$N\eta - t_3 - \text{Πα} - t_1 - \text{Βου} - t_3 - \text{Γα} - t_2 - \Delta\iota - t_3 - \text{Κε} - t_1 - \text{Ζω}' - t_3 - \text{Νη}'$ ,

ὅπου οἱ τιμὲς  $t_1, t_2, t_3$  δίνονται στὰ ἀντίστοιχα διανύσματα  $t = [ t_1 \ t_2 \ t_3 ]$  στὸν παρακάτω πῖνακα.

1.	N = 99,	t = [ 19 17 11 ],	Φ = 3.3681e-006
2.	N = 36,	t = [ 7 6 4 ],	Φ = 9.1700e-006
3.	N = 72,	t = [ 14 12 8 ],	Φ = 9.1700e-006
4.	N = 82,	t = [ 16 14 9 ],	Φ = 9.8350e-006
5.	N = 89,	t = [ 17 15 10 ],	Φ = 9.9597e-006
6.	N = 63,	t = [ 12 11 7 ],	Φ = 2.1191e-005
7.	N = 46,	t = [ 9 8 5 ],	Φ = 3.0924e-005
8.	N = 92,	t = [ 18 16 10 ],	Φ = 3.0924e-005
9.	N = 98,	t = [ 19 16 11 ],	Φ = 3.1173e-005
10.	N = 53,	t = [ 10 9 6 ],	Φ = 3.3741e-005
11.	N = 73,	t = [ 14 13 8 ],	Φ = 4.7138e-005
12.	N = 91,	t = [ 18 15 10 ],	Φ = 4.7973e-005
13.	N = 79,	t = [ 15 13 9 ],	Φ = 4.8304e-005
14.	N = 62,	t = [ 12 10 7 ],	Φ = 5.3344e-005
15.	N = 80,	t = [ 15 14 9 ],	Φ = 5.8051e-005
16.	N = 90,	t = [ 17 16 10 ],	Φ = 5.8620e-005
17.	N = 96,	t = [ 18 16 11 ],	Φ = 7.2287e-005
18.	N = 100,	t = [ 19 18 11 ],	Φ = 7.5627e-005
19.	N = 81,	t = [ 16 13 9 ],	Φ = 7.9894e-005
20.	N = 88,	t = [ 17 14 10 ],	Φ = 8.6134e-005
21.	N = 83,	t = [ 16 15 9 ],	Φ = 8.6581e-005
22.	N = 65,	t = [ 13 11 7 ],	Φ = 8.7498e-005
23.	N = 70,	t = [ 13 12 8 ],	Φ = 9.1031e-005
24.	N = 56,	t = [ 11 10 6 ],	Φ = 9.4549e-005
25.	N = 55,	t = [ 11 9 6 ],	Φ = 9.4643e-005
26.	N = 97,	t = [ 18 17 11 ],	Φ = 9.8528e-005
27.	N = 75,	t = [ 15 13 8 ],	Φ = 1.1193e-004
28.	N = 93,	t = [ 18 17 10 ],	Φ = 1.2951e-004
29.	N = 87,	t = [ 16 15 10 ],	Φ = 1.4073e-004
30.	N = 69,	t = [ 13 11 8 ],	Φ = 1.4699e-004
31.	N = 85,	t = [ 17 15 9 ],	Φ = 1.4766e-004
32.	N = 84,	t = [ 17 14 9 ],	Φ = 1.5206e-004
33.	N = 43,	t = [ 8 7 5 ],	Φ = 1.5274e-004
34.	N = 86,	t = [ 16 14 10 ],	Φ = 1.5274e-004
35.	N = 95,	t = [ 18 15 11 ],	Φ = 1.5355e-004
36.	N = 94,	t = [ 19 16 10 ],	Φ = 1.5419e-004
37.	N = 66,	t = [ 13 12 7 ],	Φ = 1.6201e-004
38.	N = 71,	t = [ 14 11 8 ],	Φ = 1.6369e-004

<sup>6</sup> Μουσική Έπιτροπή τοῦ Οἴκ. Πατρ. (1881), Στοιχειώδης Διδασκαλία τής Έκκλησιαστικῆς Μουσικῆς - ἐκπονηθεῖσα ἐπὶ τῇ βάσει τοῦ Ψαλτηρίου, Κωνσταντινούπολις 1888 (ἀνατύπ. ἐκδ. Κουλτούρα), σ. 19.



39.	N = 74,	t = [ 15 12 8 ],	Φ = 1.7519e-004
40.	N = 45,	t = [ 9 7 5 ],	Φ = 1.8660e-004
41.	N = 60,	t = [ 11 10 7 ],	Φ = 1.9385e-004
42.	N = 26,	t = [ 5 4 3 ],	Φ = 1.9863e-004
43.	N = 52,	t = [ 10 8 6 ],	Φ = 1.9863e-004
44.	N = 78,	t = [ 15 12 9 ],	Φ = 1.9863e-004
45.	N = 27,	t = [ 5 5 3 ],	Φ = 2.1891e-004
46.	N = 54,	t = [ 10 10 6 ],	Φ = 2.1891e-004
47.	N = 76,	t = [ 15 14 8 ],	Φ = 2.2393e-004
48.	N = 77,	t = [ 14 13 9 ],	Φ = 2.3289e-004
49.	N = 64,	t = [ 12 12 7 ],	Φ = 2.3376e-004
50.	N = 44,	t = [ 8 8 5 ],	Φ = 2.5705e-004
51.	N = 37,	t = [ 7 7 4 ],	Φ = 2.6576e-004
52.	N = 61,	t = [ 11 11 7 ],	Φ = 2.9651e-004
53.	N = 47,	t = [ 9 9 5 ],	Φ = 3.3808e-004
54.	N = 59,	t = [ 11 9 7 ],	Φ = 3.6550e-004
55.	N = 29,	t = [ 6 5 3 ],	Φ = 3.7772e-004
56.	N = 58,	t = [ 12 10 6 ],	Φ = 3.7772e-004
57.	N = 68,	t = [ 14 12 7 ],	Φ = 3.8314e-004
58.	N = 39,	t = [ 8 7 4 ],	Φ = 4.0277e-004
59.	N = 57,	t = [ 11 11 6 ],	Φ = 4.0278e-004
60.	N = 48,	t = [ 10 8 5 ],	Φ = 4.1093e-004
61.	N = 67,	t = [ 12 11 8 ],	Φ = 4.1727e-004
62.	N = 50,	t = [ 9 8 6 ],	Φ = 4.5041e-004
63.	N = 49,	t = [ 10 9 5 ],	Φ = 4.5219e-004
64.	N = 17,	t = [ 3 3 2 ],	Φ = 4.6287e-004
65.	N = 34,	t = [ 6 6 4 ],	Φ = 4.6287e-004
66.	N = 51,	t = [ 9 9 6 ],	Φ = 4.6287e-004
67.	N = 35,	t = [ 7 5 4 ],	Φ = 5.2331e-004
68.	N = 19,	t = [ 4 3 2 ],	Φ = 5.5310e-004
69.	N = 38,	t = [ 8 6 4 ],	Φ = 5.5310e-004
70.	N = 42,	t = [ 8 6 5 ],	Φ = 5.8993e-004
71.	N = 33,	t = [ 6 5 4 ],	Φ = 5.9255e-004
72.	N = 41,	t = [ 7 7 5 ],	Φ = 8.8147e-004
73.	N = 10,	t = [ 2 2 1 ],	Φ = 8.9459e-004
74.	N = 20,	t = [ 4 4 2 ],	Φ = 8.9459e-004
75.	N = 30,	t = [ 6 6 3 ],	Φ = 8.9459e-004
76.	N = 40,	t = [ 8 8 4 ],	Φ = 8.9459e-004
77.	N = 28,	t = [ 6 4 3 ],	Φ = 1.0498e-003
78.	N = 24,	t = [ 4 4 3 ],	Φ = 1.3015e-003
79.	N = 16,	t = [ 3 2 2 ],	Φ = 1.6689e-003
80.	N = 32,	t = [ 6 4 4 ],	Φ = 1.6689e-003
81.	N = 25,	t = [ 5 3 3 ],	Φ = 1.7079e-003
82.	N = 31,	t = [ 7 5 3 ],	Φ = 1.8809e-003
83.	N = 23,	t = [ 4 3 3 ],	Φ = 2.2284e-003
84.	N = 22,	t = [ 5 4 2 ],	Φ = 2.4945e-003
85.	N = 9,	t = [ 2 1 1 ],	Φ = 3.1158e-003
86.	N = 18,	t = [ 4 2 2 ],	Φ = 3.1158e-003
87.	N = 21,	t = [ 5 3 2 ],	Φ = 3.6280e-003
88.	N = 7,	t = [ 1 1 1 ],	Φ = 5.8050e-003
89.	N = 14,	t = [ 2 2 2 ],	Φ = 5.8050e-003
90.	N = 12,	t = [ 3 2 1 ],	Φ = 5.9418e-003
91.	N = 13,	t = [ 3 3 1 ],	Φ = 6.7367e-003
92.	N = 15,	t = [ 4 3 1 ],	Φ = 1.2018e-002
93.	N = 11,	t = [ 3 1 1 ],	Φ = 1.2933e-002

## 5. Συγκερασμοί της κλίμακας της Έπιτροπής 1881 - Μέχρι 1200 κόμματα

Αυτή η νεανές κλίμακα είναι η εξής<sup>7</sup>:

Νη - 27/25 - Πα - 2500/2187 - Βου - 27/25 - Γα - 9/8 - Δι - 27/25 - Κε - 2500/2187 - Ζω' - 27/25 - Νη',

Η συγκερασμένη κλίμακα, δίνεται ως εξής:

Νη -  $t_3$  - Πα -  $t_1$  - Βου -  $t_3$  - Γα -  $t_2$  - Δι -  $t_3$  - Κε -  $t_1$  - Ζω' -  $t_3$  - Νη',

όπου οι τιμές  $t_1$ ,  $t_2$ ,  $t_3$  δίνονται στα αντίστοιχα διανύσματα  $t = [ t_1 \ t_2 \ t_3 ]$  στον παρακάτω πίνακα.

1.	N = 1171,	t = [ 226 199 130 ],	Φ = 1.2904e-009
2.	N = 1000,	t = [ 193 170 111 ],	Φ = 6.4109e-009
3.	N = 1036,	t = [ 200 176 115 ],	Φ = 9.8264e-009
4.	N = 1135,	t = [ 219 193 126 ],	Φ = 1.0037e-008
5.	N = 865,	t = [ 167 147 96 ],	Φ = 1.5367e-008
6.	N = 829,	t = [ 160 141 92 ],	Φ = 2.3089e-008
7.	N = 964,	t = [ 186 164 107 ],	Φ = 2.8061e-008
8.	N = 1072,	t = [ 207 182 119 ],	Φ = 3.3486e-008
9.	N = 477,	t = [ 92 81 53 ],	Φ = 3.5390e-008
10.	N = 954,	t = [ 184 162 106 ],	Φ = 3.5390e-008
11.	N = 694,	t = [ 134 118 77 ],	Φ = 3.5846e-008
12.	N = 1125,	t = [ 217 191 125 ],	Φ = 3.6736e-008
13.	N = 783,	t = [ 151 133 87 ],	Φ = 3.7086e-008
14.	N = 901,	t = [ 174 153 100 ],	Φ = 3.8100e-008
15.	N = 648,	t = [ 125 110 72 ],	Φ = 3.9053e-008
16.	N = 1089,	t = [ 210 185 121 ],	Φ = 3.9178e-008
17.	N = 1099,	t = [ 212 187 122 ],	Φ = 3.9653e-008
18.	N = 819,	t = [ 158 139 91 ],	Φ = 4.4067e-008
19.	N = 306,	t = [ 59 52 34 ],	Φ = 4.8271e-008
20.	N = 612,	t = [ 118 104 68 ],	Φ = 4.8271e-008
21.	N = 918,	t = [ 177 156 102 ],	Φ = 4.8271e-008
22.	N = 990,	t = [ 191 168 110 ],	Φ = 4.8498e-008
23.	N = 1161,	t = [ 224 197 129 ],	Φ = 5.2169e-008
24.	N = 730,	t = [ 141 124 81 ],	Φ = 5.2904e-008
25.	N = 1053,	t = [ 203 179 117 ],	Φ = 6.3334e-008
26.	N = 658,	t = [ 127 112 73 ],	Φ = 6.9616e-008
27.	N = 793,	t = [ 153 135 88 ],	Φ = 7.0037e-008
28.	N = 747,	t = [ 144 127 83 ],	Φ = 7.1165e-008
29.	N = 1108,	t = [ 214 188 123 ],	Φ = 7.3482e-008
30.	N = 1188,	t = [ 229 202 132 ],	Φ = 7.8914e-008
31.	N = 1181,	t = [ 228 201 131 ],	Φ = 7.8990e-008
32.	N = 928,	t = [ 179 158 103 ],	Φ = 8.0761e-008
33.	N = 171,	t = [ 33 29 19 ],	Φ = 8.2311e-008
34.	N = 342,	t = [ 66 58 38 ],	Φ = 8.2311e-008
35.	N = 513,	t = [ 99 87 57 ],	Φ = 8.2311e-008
36.	N = 684,	t = [ 132 116 76 ],	Φ = 8.2311e-008
37.	N = 855,	t = [ 165 145 95 ],	Φ = 8.2311e-008
38.	N = 1026,	t = [ 198 174 114 ],	Φ = 8.2311e-008

<sup>7</sup> Μουσική Έπιτροπή του Οίκ. Πατρ. (1881), Στοιχειώδης Διδασκαλία της Έκκλησιαστικής Μουσικής - έκπονηθείσα επί τη βάσει του Ψαλτηριού, Κωνσταντινούπολις 1888 (ανάτυπ. έκδ. Κουλτούρα), σ. 19.

39.	N = 1197,	t = [ 231 203 133 ],	Φ = 8.2311e-008
40.	N = 937,	t = [ 181 159 104 ],	Φ = 8.4466e-008
41.	N = 1082,	t = [ 209 184 120 ],	Φ = 8.9115e-008
42.	N = 441,	t = [ 85 75 49 ],	Φ = 9.3770e-008
43.	N = 882,	t = [ 170 150 98 ],	Φ = 9.3770e-008
44.	N = 1063,	t = [ 205 181 118 ],	Φ = 9.4394e-008
45.	N = 559,	t = [ 108 95 62 ],	Φ = 9.6868e-008
46.	N = 1118,	t = [ 216 190 124 ],	Φ = 9.6868e-008
47.	N = 523,	t = [ 101 89 58 ],	Φ = 1.0180e-007
48.	N = 1046,	t = [ 202 178 116 ],	Φ = 1.0180e-007
49.	N = 766,	t = [ 148 130 85 ],	Φ = 1.0723e-007
50.	N = 1198,	t = [ 231 204 133 ],	Φ = 1.0826e-007
51.	N = 1017,	t = [ 196 173 113 ],	Φ = 1.1388e-007
52.	N = 1145,	t = [ 221 195 127 ],	Φ = 1.1925e-007
53.	N = 1154,	t = [ 223 196 128 ],	Φ = 1.2137e-007
54.	N = 1144,	t = [ 221 194 127 ],	Φ = 1.2664e-007
55.	N = 576,	t = [ 111 98 64 ],	Φ = 1.3129e-007
56.	N = 1152,	t = [ 222 196 128 ],	Φ = 1.3129e-007
57.	N = 1062,	t = [ 205 180 118 ],	Φ = 1.3260e-007
58.	N = 1010,	t = [ 195 172 112 ],	Φ = 1.3945e-007
59.	N = 891,	t = [ 172 151 99 ],	Φ = 1.4432e-007
60.	N = 947,	t = [ 183 161 105 ],	Φ = 1.4769e-007
61.	N = 973,	t = [ 188 165 108 ],	Φ = 1.4913e-007
62.	N = 911,	t = [ 176 155 101 ],	Φ = 1.4966e-007
63.	N = 711,	t = [ 137 121 79 ],	Φ = 1.5921e-007
64.	N = 595,	t = [ 115 101 66 ],	Φ = 1.5958e-007
65.	N = 1190,	t = [ 230 202 132 ],	Φ = 1.5958e-007
66.	N = 720,	t = [ 139 122 80 ],	Φ = 1.6283e-007
67.	N = 757,	t = [ 146 129 84 ],	Φ = 1.6757e-007
68.	N = 983,	t = [ 190 167 109 ],	Φ = 1.7024e-007
69.	N = 892,	t = [ 172 152 99 ],	Φ = 1.7197e-007
70.	N = 622,	t = [ 120 106 69 ],	Φ = 1.7273e-007
71.	N = 1178,	t = [ 227 200 131 ],	Φ = 1.7608e-007
72.	N = 1027,	t = [ 198 175 114 ],	Φ = 1.7942e-007
73.	N = 846,	t = [ 163 144 94 ],	Φ = 1.8026e-007
74.	N = 875,	t = [ 169 149 97 ],	Φ = 1.8257e-007
75.	N = 1109,	t = [ 214 189 123 ],	Φ = 1.8402e-007
76.	N = 1162,	t = [ 224 198 129 ],	Φ = 1.8756e-007
77.	N = 802,	t = [ 155 136 89 ],	Φ = 1.8881e-007
78.	N = 1180,	t = [ 228 200 131 ],	Φ = 1.9035e-007
79.	N = 1079,	t = [ 208 183 120 ],	Φ = 1.9066e-007
80.	N = 1043,	t = [ 201 177 116 ],	Φ = 1.9374e-007
81.	N = 549,	t = [ 106 93 61 ],	Φ = 1.9595e-007
82.	N = 1098,	t = [ 212 186 122 ],	Φ = 1.9595e-007
83.	N = 981,	t = [ 189 167 109 ],	Φ = 1.9655e-007
84.	N = 1115,	t = [ 215 189 124 ],	Φ = 2.0671e-007
85.	N = 487,	t = [ 94 83 54 ],	Φ = 2.0759e-007
86.	N = 974,	t = [ 188 166 108 ],	Φ = 2.0759e-007
87.	N = 1142,	t = [ 220 194 127 ],	Φ = 2.0872e-007
88.	N = 1116,	t = [ 215 190 124 ],	Φ = 2.0947e-007
89.	N = 1019,	t = [ 197 173 113 ],	Φ = 2.1221e-007
90.	N = 1007,	t = [ 194 171 112 ],	Φ = 2.2023e-007
91.	N = 927,	t = [ 179 157 103 ],	Φ = 2.2432e-007
92.	N = 1009,	t = [ 195 171 112 ],	Φ = 2.2788e-007
93.	N = 908,	t = [ 175 154 101 ],	Φ = 2.2896e-007
94.	N = 1151,	t = [ 222 195 128 ],	Φ = 2.3836e-007
95.	N = 944,	t = [ 182 160 105 ],	Φ = 2.4157e-007
96.	N = 872,	t = [ 168 148 97 ],	Φ = 2.4467e-007
97.	N = 388,	t = [ 75 66 43 ],	Φ = 2.4684e-007
98.	N = 776,	t = [ 150 132 86 ],	Φ = 2.4684e-007
99.	N = 1164,	t = [ 225 198 129 ],	Φ = 2.4684e-007
100.	N = 1200,	t = [ 232 204 133 ],	Φ = 2.5265e-007
101.	N = 839,	t = [ 162 143 93 ],	Φ = 2.5451e-007

102.	N = 1128,	t = [ 218 192 125 ],	Φ = 2.5848e-007
103.	N = 812,	t = [ 157 138 90 ],	Φ = 2.6115e-007
104.	N = 1106,	t = [ 213 188 123 ],	Φ = 2.6475e-007
105.	N = 631,	t = [ 122 107 70 ],	Φ = 2.6752e-007
106.	N = 1055,	t = [ 204 179 117 ],	Φ = 2.6954e-007
107.	N = 378,	t = [ 73 64 42 ],	Φ = 2.6962e-007
108.	N = 756,	t = [ 146 128 84 ],	Φ = 2.6962e-007
109.	N = 1134,	t = [ 219 192 126 ],	Φ = 2.6962e-007
110.	N = 740,	t = [ 143 126 82 ],	Φ = 2.7193e-007
111.	N = 971,	t = [ 187 165 108 ],	Φ = 2.7542e-007
112.	N = 980,	t = [ 189 166 109 ],	Φ = 2.7651e-007
113.	N = 1073,	t = [ 207 183 119 ],	Φ = 2.7805e-007
114.	N = 1191,	t = [ 230 203 132 ],	Φ = 2.7887e-007
115.	N = 1187,	t = [ 229 201 132 ],	Φ = 2.8272e-007
116.	N = 838,	t = [ 162 142 93 ],	Φ = 2.9015e-007
117.	N = 1092,	t = [ 211 186 121 ],	Φ = 2.9112e-007
118.	N = 737,	t = [ 142 125 82 ],	Φ = 2.9525e-007
119.	N = 1126,	t = [ 217 192 125 ],	Φ = 2.9573e-007
120.	N = 836,	t = [ 161 142 93 ],	Φ = 2.9634e-007
121.	N = 773,	t = [ 149 131 86 ],	Φ = 2.9852e-007
122.	N = 991,	t = [ 191 169 110 ],	Φ = 3.0103e-007
123.	N = 424,	t = [ 82 72 47 ],	Φ = 3.0530e-007
124.	N = 848,	t = [ 164 144 94 ],	Φ = 3.0530e-007
125.	N = 856,	t = [ 165 146 95 ],	Φ = 3.1107e-007
126.	N = 938,	t = [ 181 160 104 ],	Φ = 3.1306e-007
127.	N = 1045,	t = [ 202 177 116 ],	Φ = 3.1739e-007
128.	N = 963,	t = [ 186 163 107 ],	Φ = 3.1782e-007
129.	N = 135,	t = [ 26 23 15 ],	Φ = 3.1837e-007
130.	N = 270,	t = [ 52 46 30 ],	Φ = 3.1837e-007
131.	N = 405,	t = [ 78 69 45 ],	Φ = 3.1837e-007
132.	N = 540,	t = [ 104 92 60 ],	Φ = 3.1837e-007
133.	N = 675,	t = [ 130 115 75 ],	Φ = 3.1837e-007
134.	N = 810,	t = [ 156 138 90 ],	Φ = 3.1837e-007
135.	N = 945,	t = [ 182 161 105 ],	Φ = 3.1837e-007
136.	N = 1080,	t = [ 208 184 120 ],	Φ = 3.1837e-007
137.	N = 1016,	t = [ 196 172 113 ],	Φ = 3.2902e-007
138.	N = 721,	t = [ 139 123 80 ],	Φ = 3.3054e-007
139.	N = 809,	t = [ 156 137 90 ],	Φ = 3.3639e-007
140.	N = 701,	t = [ 135 119 78 ],	Φ = 3.3811e-007
141.	N = 1091,	t = [ 211 185 121 ],	Φ = 3.3895e-007
142.	N = 1070,	t = [ 206 182 119 ],	Φ = 3.4876e-007
143.	N = 352,	t = [ 68 60 39 ],	Φ = 3.4904e-007
144.	N = 704,	t = [ 136 120 78 ],	Φ = 3.4904e-007
145.	N = 1056,	t = [ 204 180 117 ],	Φ = 3.4904e-007
146.	N = 585,	t = [ 113 99 65 ],	Φ = 3.5136e-007
147.	N = 1170,	t = [ 226 198 130 ],	Φ = 3.5136e-007
148.	N = 1155,	t = [ 223 197 128 ],	Φ = 3.5740e-007
149.	N = 1029,	t = [ 199 175 114 ],	Φ = 3.6419e-007
150.	N = 935,	t = [ 180 159 104 ],	Φ = 3.6584e-007
151.	N = 993,	t = [ 192 169 110 ],	Φ = 3.6992e-007
152.	N = 586,	t = [ 113 100 65 ],	Φ = 3.7081e-007
153.	N = 1172,	t = [ 226 200 130 ],	Φ = 3.7081e-007
154.	N = 884,	t = [ 171 150 98 ],	Φ = 3.7198e-007
155.	N = 803,	t = [ 155 137 89 ],	Φ = 3.7587e-007
156.	N = 1065,	t = [ 206 181 118 ],	Φ = 3.7937e-007
157.	N = 800,	t = [ 154 136 89 ],	Φ = 3.9370e-007
158.	N = 792,	t = [ 153 134 88 ],	Φ = 3.9467e-007
159.	N = 1052,	t = [ 203 178 117 ],	Φ = 3.9530e-007
160.	N = 845,	t = [ 163 143 94 ],	Φ = 4.0016e-007
161.	N = 957,	t = [ 185 163 106 ],	Φ = 4.0149e-007
162.	N = 602,	t = [ 116 102 67 ],	Φ = 4.0366e-007
163.	N = 667,	t = [ 129 113 74 ],	Φ = 4.0534e-007
164.	N = 874,	t = [ 169 148 97 ],	Φ = 4.0564e-007

165.	N = 1168,	t = [ 225 198 130 ],	Φ = 4.0628e-007
166.	N = 1037,	t = [ 200 177 115 ],	Φ = 4.0707e-007
167.	N = 1101,	t = [ 213 187 122 ],	Φ = 4.1145e-007
168.	N = 1081,	t = [ 209 183 120 ],	Φ = 4.1503e-007
169.	N = 1127,	t = [ 218 191 125 ],	Φ = 4.1782e-007
170.	N = 999,	t = [ 193 169 111 ],	Φ = 4.2133e-007
171.	N = 566,	t = [ 109 96 63 ],	Φ = 4.2697e-007
172.	N = 1132,	t = [ 218 192 126 ],	Φ = 4.2697e-007
173.	N = 1020,	t = [ 197 174 113 ],	Φ = 4.3745e-007
174.	N = 1090,	t = [ 210 186 121 ],	Φ = 4.3806e-007
175.	N = 638,	t = [ 123 108 71 ],	Φ = 4.4117e-007
176.	N = 665,	t = [ 128 113 74 ],	Φ = 4.4256e-007
177.	N = 1169,	t = [ 225 199 130 ],	Φ = 4.4264e-007
178.	N = 1179,	t = [ 227 201 131 ],	Φ = 4.4572e-007
179.	N = 641,	t = [ 124 109 71 ],	Φ = 4.4950e-007
180.	N = 460,	t = [ 89 78 51 ],	Φ = 4.5562e-007
181.	N = 920,	t = [ 178 156 102 ],	Φ = 4.5562e-007
182.	N = 1137,	t = [ 220 193 126 ],	Φ = 4.5719e-007
183.	N = 605,	t = [ 117 103 67 ],	Φ = 4.6350e-007
184.	N = 1044,	t = [ 201 178 116 ],	Φ = 4.6390e-007
185.	N = 451,	t = [ 87 77 50 ],	Φ = 4.6432e-007
186.	N = 902,	t = [ 174 154 100 ],	Φ = 4.6432e-007
187.	N = 1119,	t = [ 216 191 124 ],	Φ = 4.6464e-007
188.	N = 921,	t = [ 178 157 102 ],	Φ = 4.6505e-007
189.	N = 1034,	t = [ 199 176 115 ],	Φ = 4.6628e-007
190.	N = 955,	t = [ 184 163 106 ],	Φ = 4.6693e-007
191.	N = 1096,	t = [ 211 186 122 ],	Φ = 4.6935e-007
192.	N = 1088,	t = [ 210 184 121 ],	Φ = 4.7232e-007
193.	N = 1195,	t = [ 230 203 133 ],	Φ = 4.8160e-007
194.	N = 881,	t = [ 170 149 98 ],	Φ = 4.8324e-007
195.	N = 677,	t = [ 131 115 75 ],	Φ = 4.8773e-007
196.	N = 909,	t = [ 175 155 101 ],	Φ = 4.8808e-007
197.	N = 1033,	t = [ 199 175 115 ],	Φ = 4.9499e-007
198.	N = 668,	t = [ 129 114 74 ],	Φ = 4.9502e-007
199.	N = 1174,	t = [ 227 200 130 ],	Φ = 4.9645e-007
200.	N = 899,	t = [ 173 153 100 ],	Φ = 4.9959e-007
201.	N = 1069,	t = [ 206 181 119 ],	Φ = 5.0263e-007
202.	N = 1163,	t = [ 225 197 129 ],	Φ = 5.0401e-007
203.	N = 997,	t = [ 192 169 111 ],	Φ = 5.0885e-007
204.	N = 820,	t = [ 158 140 91 ],	Φ = 5.0990e-007
205.	N = 1173,	t = [ 227 199 130 ],	Φ = 5.1392e-007
206.	N = 1136,	t = [ 219 194 126 ],	Φ = 5.1615e-007
207.	N = 1117,	t = [ 216 189 124 ],	Φ = 5.1869e-007
208.	N = 674,	t = [ 130 114 75 ],	Φ = 5.2091e-007
209.	N = 774,	t = [ 149 132 86 ],	Φ = 5.2175e-007
210.	N = 1105,	t = [ 213 187 123 ],	Φ = 5.2771e-007
211.	N = 910,	t = [ 176 154 101 ],	Φ = 5.3103e-007
212.	N = 207,	t = [ 40 35 23 ],	Φ = 5.3212e-007
213.	N = 414,	t = [ 80 70 46 ],	Φ = 5.3212e-007
214.	N = 621,	t = [ 120 105 69 ],	Φ = 5.3212e-007
215.	N = 828,	t = [ 160 140 92 ],	Φ = 5.3212e-007
216.	N = 1035,	t = [ 200 175 115 ],	Φ = 5.3212e-007
217.	N = 530,	t = [ 102 90 59 ],	Φ = 5.3776e-007
218.	N = 1060,	t = [ 204 180 118 ],	Φ = 5.3776e-007
219.	N = 961,	t = [ 185 163 107 ],	Φ = 5.4918e-007
220.	N = 764,	t = [ 147 130 85 ],	Φ = 5.4929e-007
221.	N = 569,	t = [ 110 97 63 ],	Φ = 5.5110e-007
222.	N = 1138,	t = [ 220 194 126 ],	Φ = 5.5110e-007
223.	N = 956,	t = [ 185 162 106 ],	Φ = 5.5187e-007
224.	N = 1124,	t = [ 217 190 125 ],	Φ = 5.5765e-007
225.	N = 767,	t = [ 148 131 85 ],	Φ = 5.5992e-007
226.	N = 858,	t = [ 166 146 95 ],	Φ = 5.5998e-007
227.	N = 894,	t = [ 173 152 99 ],	Φ = 5.6104e-007

228.	N = 703,	t = [ 136 119 78 ],	Φ = 5.6238e-007
229.	N = 984,	t = [ 190 168 109 ],	Φ = 5.6271e-007
230.	N = 713,	t = [ 138 121 79 ],	Φ = 5.6297e-007
231.	N = 1141,	t = [ 220 193 127 ],	Φ = 5.6693e-007
232.	N = 885,	t = [ 171 151 98 ],	Φ = 5.6826e-007
233.	N = 1159,	t = [ 223 197 129 ],	Φ = 5.7118e-007
234.	N = 639,	t = [ 123 109 71 ],	Φ = 5.7172e-007
235.	N = 1189,	t = [ 229 203 132 ],	Φ = 5.7388e-007
236.	N = 1001,	t = [ 193 171 111 ],	Φ = 5.7805e-007
237.	N = 685,	t = [ 132 117 76 ],	Φ = 5.7852e-007
238.	N = 1133,	t = [ 218 193 126 ],	Φ = 5.7898e-007
239.	N = 917,	t = [ 177 155 102 ],	Φ = 5.8057e-007
240.	N = 930,	t = [ 180 158 103 ],	Φ = 5.8779e-007
241.	N = 822,	t = [ 159 140 91 ],	Φ = 5.9182e-007
242.	N = 1199,	t = [ 232 203 133 ],	Φ = 5.9580e-007
243.	N = 1083,	t = [ 209 185 120 ],	Φ = 6.0591e-007
244.	N = 1143,	t = [ 220 195 127 ],	Φ = 6.0695e-007
245.	N = 1177,	t = [ 227 199 131 ],	Φ = 6.1761e-007
246.	N = 1054,	t = [ 203 180 117 ],	Φ = 6.2093e-007
247.	N = 925,	t = [ 178 157 103 ],	Φ = 6.2215e-007
248.	N = 998,	t = [ 192 170 111 ],	Φ = 6.2406e-007
249.	N = 1111,	t = [ 215 189 123 ],	Φ = 6.2464e-007
250.	N = 1153,	t = [ 223 195 128 ],	Φ = 6.2669e-007
251.	N = 629,	t = [ 121 107 70 ],	Φ = 6.2952e-007
252.	N = 1147,	t = [ 222 195 127 ],	Φ = 6.2959e-007
253.	N = 710,	t = [ 137 120 79 ],	Φ = 6.2979e-007
254.	N = 1102,	t = [ 213 188 122 ],	Φ = 6.3158e-007
255.	N = 966,	t = [ 187 164 107 ],	Φ = 6.3458e-007
256.	N = 898,	t = [ 173 152 100 ],	Φ = 6.3708e-007
257.	N = 1024,	t = [ 197 174 114 ],	Φ = 6.3749e-007
258.	N = 1075,	t = [ 208 183 119 ],	Φ = 6.3820e-007
259.	N = 431,	t = [ 83 73 48 ],	Φ = 6.4070e-007
260.	N = 862,	t = [ 166 146 96 ],	Φ = 6.4070e-007
261.	N = 1071,	t = [ 207 181 119 ],	Φ = 6.4805e-007
262.	N = 1160,	t = [ 224 196 129 ],	Φ = 6.4930e-007
263.	N = 1183,	t = [ 229 201 131 ],	Φ = 6.4981e-007
264.	N = 504,	t = [ 97 86 56 ],	Φ = 6.5322e-007
265.	N = 1008,	t = [ 194 172 112 ],	Φ = 6.5322e-007
266.	N = 496,	t = [ 96 84 55 ],	Φ = 6.5738e-007
267.	N = 992,	t = [ 192 168 110 ],	Φ = 6.5738e-007
268.	N = 467,	t = [ 90 79 52 ],	Φ = 6.5937e-007
269.	N = 934,	t = [ 180 158 104 ],	Φ = 6.5937e-007
270.	N = 946,	t = [ 183 160 105 ],	Φ = 6.6310e-007
271.	N = 749,	t = [ 145 127 83 ],	Φ = 6.6425e-007
272.	N = 786,	t = [ 152 134 87 ],	Φ = 6.6583e-007
273.	N = 866,	t = [ 167 148 96 ],	Φ = 6.7195e-007
274.	N = 1039,	t = [ 201 177 115 ],	Φ = 6.7423e-007
275.	N = 1182,	t = [ 228 202 131 ],	Φ = 6.7461e-007
276.	N = 826,	t = [ 159 140 92 ],	Φ = 6.7738e-007
277.	N = 864,	t = [ 167 146 96 ],	Φ = 6.7763e-007
278.	N = 919,	t = [ 177 157 102 ],	Φ = 6.8663e-007
279.	N = 863,	t = [ 166 147 96 ],	Φ = 6.8681e-007
280.	N = 953,	t = [ 184 161 106 ],	Φ = 6.8827e-007
281.	N = 1123,	t = [ 216 191 125 ],	Φ = 6.9031e-007
282.	N = 1002,	t = [ 194 170 111 ],	Φ = 6.9695e-007
283.	N = 550,	t = [ 106 94 61 ],	Φ = 6.9973e-007
284.	N = 1100,	t = [ 212 188 122 ],	Φ = 6.9973e-007
285.	N = 970,	t = [ 187 164 108 ],	Φ = 7.0192e-007
286.	N = 873,	t = [ 168 149 97 ],	Φ = 7.1653e-007
287.	N = 1165,	t = [ 225 199 129 ],	Φ = 7.1785e-007
288.	N = 849,	t = [ 164 145 94 ],	Φ = 7.2072e-007
289.	N = 657,	t = [ 127 111 73 ],	Φ = 7.2734e-007
290.	N = 739,	t = [ 143 125 82 ],	Φ = 7.3120e-007

291.	N = 316,	t = [ 61 54 35 ],	Φ = 7.3262e-007
292.	N = 632,	t = [ 122 108 70 ],	Φ = 7.3262e-007
293.	N = 948,	t = [ 183 162 105 ],	Φ = 7.3262e-007
294.	N = 889,	t = [ 171 151 99 ],	Φ = 7.3548e-007
295.	N = 1003,	t = [ 194 171 111 ],	Φ = 7.3757e-007
296.	N = 533,	t = [ 103 91 59 ],	Φ = 7.4282e-007
297.	N = 1066,	t = [ 206 182 118 ],	Φ = 7.4282e-007
298.	N = 1196,	t = [ 231 202 133 ],	Φ = 7.4570e-007
299.	N = 1097,	t = [ 211 187 122 ],	Φ = 7.5234e-007
300.	N = 395,	t = [ 76 67 44 ],	Φ = 7.5634e-007
301.	N = 790,	t = [ 152 134 88 ],	Φ = 7.5634e-007
302.	N = 1185,	t = [ 228 201 132 ],	Φ = 7.5634e-007
303.	N = 746,	t = [ 144 126 83 ],	Φ = 7.5845e-007
304.	N = 503,	t = [ 97 85 56 ],	Φ = 7.6029e-007
305.	N = 1006,	t = [ 194 170 112 ],	Φ = 7.6029e-007
306.	N = 1107,	t = [ 214 187 123 ],	Φ = 7.6742e-007
307.	N = 1028,	t = [ 199 174 114 ],	Φ = 7.6952e-007
308.	N = 1038,	t = [ 201 176 115 ],	Φ = 7.7138e-007
309.	N = 494,	t = [ 95 84 55 ],	Φ = 7.7496e-007
310.	N = 988,	t = [ 190 168 110 ],	Φ = 7.7496e-007
311.	N = 1158,	t = [ 223 196 129 ],	Φ = 7.7633e-007
312.	N = 1194,	t = [ 230 202 133 ],	Φ = 7.7642e-007
313.	N = 728,	t = [ 140 124 81 ],	Φ = 7.7938e-007
314.	N = 784,	t = [ 151 134 87 ],	Φ = 7.8354e-007
315.	N = 785,	t = [ 152 133 87 ],	Φ = 7.8362e-007
316.	N = 1047,	t = [ 202 179 116 ],	Φ = 7.8759e-007
317.	N = 1122,	t = [ 216 190 125 ],	Φ = 7.9352e-007
318.	N = 750,	t = [ 145 128 83 ],	Φ = 7.9402e-007
319.	N = 982,	t = [ 190 166 109 ],	Φ = 7.9940e-007
320.	N = 965,	t = [ 186 165 107 ],	Φ = 7.9948e-007
321.	N = 989,	t = [ 191 167 110 ],	Φ = 8.0335e-007
322.	N = 369,	t = [ 71 63 41 ],	Φ = 8.0799e-007
323.	N = 738,	t = [ 142 126 82 ],	Φ = 8.0799e-007
324.	N = 731,	t = [ 141 125 81 ],	Φ = 8.2391e-007
325.	N = 450,	t = [ 87 76 50 ],	Φ = 8.2797e-007
326.	N = 900,	t = [ 174 152 100 ],	Φ = 8.2797e-007
327.	N = 962,	t = [ 185 164 107 ],	Φ = 8.3031e-007
328.	N = 1042,	t = [ 201 176 116 ],	Φ = 8.3095e-007
329.	N = 1086,	t = [ 209 184 121 ],	Φ = 8.3148e-007
330.	N = 967,	t = [ 187 165 107 ],	Φ = 8.3412e-007
331.	N = 1149,	t = [ 221 195 128 ],	Φ = 8.3820e-007
332.	N = 1087,	t = [ 209 185 121 ],	Φ = 8.4436e-007
333.	N = 1018,	t = [ 196 174 113 ],	Φ = 8.5201e-007
334.	N = 1074,	t = [ 208 182 119 ],	Φ = 8.5506e-007
335.	N = 1146,	t = [ 221 196 127 ],	Φ = 8.6372e-007
336.	N = 1184,	t = [ 229 202 131 ],	Φ = 8.6390e-007
337.	N = 727,	t = [ 140 123 81 ],	Φ = 8.6641e-007
338.	N = 1129,	t = [ 218 193 125 ],	Φ = 8.7427e-007
339.	N = 763,	t = [ 147 129 85 ],	Φ = 8.7754e-007
340.	N = 532,	t = [ 103 90 59 ],	Φ = 8.8625e-007
341.	N = 1064,	t = [ 206 180 118 ],	Φ = 8.8625e-007
342.	N = 754,	t = [ 145 128 84 ],	Φ = 8.8947e-007
343.	N = 1030,	t = [ 199 176 114 ],	Φ = 8.9081e-007
344.	N = 1050,	t = [ 202 178 117 ],	Φ = 8.9444e-007
345.	N = 972,	t = [ 187 166 108 ],	Φ = 8.9504e-007
346.	N = 691,	t = [ 133 117 77 ],	Φ = 8.9792e-007
347.	N = 853,	t = [ 164 145 95 ],	Φ = 8.9882e-007
348.	N = 976,	t = [ 189 166 108 ],	Φ = 8.9951e-007
349.	N = 782,	t = [ 151 132 87 ],	Φ = 9.0018e-007
350.	N = 723,	t = [ 140 123 80 ],	Φ = 9.0169e-007
351.	N = 1193,	t = [ 231 203 132 ],	Φ = 9.0541e-007
352.	N = 775,	t = [ 150 131 86 ],	Φ = 9.0655e-007
353.	N = 253,	t = [ 49 43 28 ],	Φ = 9.0754e-007

354.	N = 506,	t = [ 98 86 56 ],	Φ = 9.0754e-007
355.	N = 759,	t = [ 147 129 84 ],	Φ = 9.0754e-007
356.	N = 1012,	t = [ 196 172 112 ],	Φ = 9.0754e-007
357.	N = 539,	t = [ 104 91 60 ],	Φ = 9.1109e-007
358.	N = 1078,	t = [ 208 182 120 ],	Φ = 9.1109e-007
359.	N = 470,	t = [ 91 80 52 ],	Φ = 9.1450e-007
360.	N = 940,	t = [ 182 160 104 ],	Φ = 9.1450e-007
361.	N = 821,	t = [ 159 139 91 ],	Φ = 9.1526e-007
362.	N = 799,	t = [ 154 135 89 ],	Φ = 9.2042e-007
363.	N = 1025,	t = [ 198 173 114 ],	Φ = 9.2347e-007
364.	N = 593,	t = [ 114 101 66 ],	Φ = 9.2766e-007
365.	N = 1186,	t = [ 228 202 132 ],	Φ = 9.2766e-007
366.	N = 1157,	t = [ 224 197 128 ],	Φ = 9.2818e-007
367.	N = 693,	t = [ 134 117 77 ],	Φ = 9.2968e-007
368.	N = 1048,	t = [ 203 178 116 ],	Φ = 9.3405e-007
369.	N = 813,	t = [ 157 139 90 ],	Φ = 9.3463e-007
370.	N = 649,	t = [ 125 111 72 ],	Φ = 9.3760e-007
371.	N = 687,	t = [ 133 117 76 ],	Φ = 9.4005e-007
372.	N = 827,	t = [ 159 141 92 ],	Φ = 9.4024e-007
373.	N = 1110,	t = [ 215 188 123 ],	Φ = 9.4574e-007
374.	N = 795,	t = [ 154 135 88 ],	Φ = 9.4633e-007
375.	N = 1113,	t = [ 214 189 124 ],	Φ = 9.4844e-007
376.	N = 415,	t = [ 80 71 46 ],	Φ = 9.4925e-007
377.	N = 830,	t = [ 160 142 92 ],	Φ = 9.4925e-007
378.	N = 603,	t = [ 116 103 67 ],	Φ = 9.5061e-007
379.	N = 912,	t = [ 176 156 101 ],	Φ = 9.5680e-007
380.	N = 952,	t = [ 183 162 106 ],	Φ = 9.5804e-007
381.	N = 904,	t = [ 175 154 100 ],	Φ = 9.5822e-007
382.	N = 1148,	t = [ 222 196 127 ],	Φ = 9.6787e-007
383.	N = 1061,	t = [ 204 181 118 ],	Φ = 9.6943e-007
384.	N = 1121,	t = [ 217 191 124 ],	Φ = 9.7101e-007
385.	N = 931,	t = [ 180 159 103 ],	Φ = 9.7119e-007
386.	N = 883,	t = [ 170 151 98 ],	Φ = 9.7189e-007
387.	N = 542,	t = [ 105 92 60 ],	Φ = 9.7534e-007
388.	N = 1084,	t = [ 210 184 120 ],	Φ = 9.7534e-007
389.	N = 1023,	t = [ 197 173 114 ],	Φ = 9.7704e-007
390.	N = 936,	t = [ 181 158 104 ],	Φ = 9.8076e-007
391.	N = 1059,	t = [ 204 179 118 ],	Φ = 9.8408e-007
392.	N = 655,	t = [ 126 111 73 ],	Φ = 9.8672e-007
393.	N = 835,	t = [ 161 141 93 ],	Φ = 9.8690e-007
394.	N = 1014,	t = [ 195 172 113 ],	Φ = 9.8751e-007
395.	N = 987,	t = [ 190 167 110 ],	Φ = 9.9075e-007
396.	N = 714,	t = [ 138 122 79 ],	Φ = 9.9208e-007
397.	N = 1114,	t = [ 215 188 124 ],	Φ = 9.9846e-007
398.	N = 1095,	t = [ 211 185 122 ],	Φ = 1.0079e-006
399.	N = 831,	t = [ 161 141 92 ],	Φ = 1.0096e-006
400.	N = 837,	t = [ 161 143 93 ],	Φ = 1.0173e-006
401.	N = 1011,	t = [ 195 173 112 ],	Φ = 1.0174e-006
402.	N = 1120,	t = [ 217 190 124 ],	Φ = 1.0285e-006
403.	N = 951,	t = [ 183 161 106 ],	Φ = 1.0300e-006
404.	N = 217,	t = [ 42 37 24 ],	Φ = 1.0378e-006
405.	N = 434,	t = [ 84 74 48 ],	Φ = 1.0378e-006
406.	N = 651,	t = [ 126 111 72 ],	Φ = 1.0378e-006
407.	N = 868,	t = [ 168 148 96 ],	Φ = 1.0378e-006
408.	N = 1085,	t = [ 210 185 120 ],	Φ = 1.0378e-006
409.	N = 1051,	t = [ 202 179 117 ],	Φ = 1.0398e-006
410.	N = 1131,	t = [ 218 191 126 ],	Φ = 1.0454e-006
411.	N = 818,	t = [ 158 138 91 ],	Φ = 1.0501e-006
412.	N = 857,	t = [ 166 145 95 ],	Φ = 1.0549e-006
413.	N = 1093,	t = [ 211 187 121 ],	Φ = 1.0700e-006
414.	N = 871,	t = [ 168 147 97 ],	Φ = 1.0708e-006
415.	N = 929,	t = [ 179 159 103 ],	Φ = 1.0818e-006
416.	N = 497,	t = [ 96 85 55 ],	Φ = 1.0828e-006



417.	N = 994,	t = [ 192 170 110 ],	Φ = 1.0828e-006
418.	N = 811,	t = [ 157 137 90 ],	Φ = 1.0847e-006
419.	N = 289,	t = [ 56 49 32 ],	Φ = 1.0910e-006
420.	N = 578,	t = [ 112 98 64 ],	Φ = 1.0910e-006
421.	N = 867,	t = [ 168 147 96 ],	Φ = 1.0910e-006
422.	N = 1156,	t = [ 224 196 128 ],	Φ = 1.0910e-006
423.	N = 575,	t = [ 111 97 64 ],	Φ = 1.0912e-006
424.	N = 1150,	t = [ 222 194 128 ],	Φ = 1.0912e-006
425.	N = 359,	t = [ 69 61 40 ],	Φ = 1.0923e-006
426.	N = 718,	t = [ 138 122 80 ],	Φ = 1.0923e-006
427.	N = 1077,	t = [ 207 183 120 ],	Φ = 1.0923e-006
428.	N = 596,	t = [ 115 102 66 ],	Φ = 1.0929e-006
429.	N = 1192,	t = [ 230 204 132 ],	Φ = 1.0929e-006
430.	N = 1167,	t = [ 225 197 130 ],	Φ = 1.0938e-006
431.	N = 926,	t = [ 178 158 103 ],	Φ = 1.0951e-006
432.	N = 915,	t = [ 176 155 102 ],	Φ = 1.1010e-006
433.	N = 1112,	t = [ 215 190 123 ],	Φ = 1.1030e-006
434.	N = 692,	t = [ 133 118 77 ],	Φ = 1.1053e-006
435.	N = 1176,	t = [ 226 200 131 ],	Φ = 1.1074e-006
436.	N = 978,	t = [ 188 166 109 ],	Φ = 1.1170e-006
437.	N = 817,	t = [ 157 139 91 ],	Φ = 1.1244e-006
438.	N = 568,	t = [ 110 96 63 ],	Φ = 1.1274e-006
439.	N = 1049,	t = [ 203 179 116 ],	Φ = 1.1333e-006
440.	N = 243,	t = [ 47 41 27 ],	Φ = 1.1342e-006
441.	N = 486,	t = [ 94 82 54 ],	Φ = 1.1342e-006
442.	N = 729,	t = [ 141 123 81 ],	Φ = 1.1342e-006
443.	N = 748,	t = [ 144 128 83 ],	Φ = 1.1514e-006
444.	N = 619,	t = [ 119 105 69 ],	Φ = 1.1528e-006
445.	N = 895,	t = [ 173 153 99 ],	Φ = 1.1578e-006
446.	N = 832,	t = [ 161 142 92 ],	Φ = 1.1623e-006
447.	N = 907,	t = [ 175 153 101 ],	Φ = 1.1674e-006
448.	N = 1175,	t = [ 226 199 131 ],	Φ = 1.1685e-006
449.	N = 903,	t = [ 175 153 100 ],	Φ = 1.1856e-006
450.	N = 695,	t = [ 134 119 77 ],	Φ = 1.1904e-006
451.	N = 458,	t = [ 88 78 51 ],	Φ = 1.1964e-006
452.	N = 916,	t = [ 176 156 102 ],	Φ = 1.1964e-006
453.	N = 893,	t = [ 173 151 99 ],	Φ = 1.1993e-006
454.	N = 234,	t = [ 45 40 26 ],	Φ = 1.2000e-006
455.	N = 468,	t = [ 90 80 52 ],	Φ = 1.2000e-006
456.	N = 702,	t = [ 135 120 78 ],	Φ = 1.2000e-006
457.	N = 854,	t = [ 165 144 95 ],	Φ = 1.2047e-006
458.	N = 514,	t = [ 99 88 57 ],	Φ = 1.2106e-006
459.	N = 879,	t = [ 169 149 98 ],	Φ = 1.2111e-006
460.	N = 615,	t = [ 119 105 68 ],	Φ = 1.2157e-006
461.	N = 777,	t = [ 150 133 86 ],	Φ = 1.2255e-006
462.	N = 614,	t = [ 119 104 68 ],	Φ = 1.2367e-006
463.	N = 1094,	t = [ 212 186 121 ],	Φ = 1.2389e-006
464.	N = 1130,	t = [ 219 192 125 ],	Φ = 1.2466e-006
465.	N = 876,	t = [ 169 150 97 ],	Φ = 1.2472e-006
466.	N = 1058,	t = [ 205 180 117 ],	Φ = 1.2485e-006
467.	N = 1139,	t = [ 219 193 127 ],	Φ = 1.2509e-006
468.	N = 847,	t = [ 164 143 94 ],	Φ = 1.2631e-006
469.	N = 1013,	t = [ 196 173 112 ],	Φ = 1.2632e-006
470.	N = 1166,	t = [ 226 198 129 ],	Φ = 1.2686e-006
471.	N = 943,	t = [ 182 159 105 ],	Φ = 1.2732e-006
472.	N = 1076,	t = [ 208 184 119 ],	Φ = 1.2749e-006
473.	N = 791,	t = [ 152 135 88 ],	Φ = 1.2761e-006
474.	N = 1041,	t = [ 200 177 116 ],	Φ = 1.2761e-006
475.	N = 1022,	t = [ 198 174 113 ],	Φ = 1.2792e-006
476.	N = 678,	t = [ 131 116 75 ],	Φ = 1.2807e-006
477.	N = 1015,	t = [ 195 173 113 ],	Φ = 1.2844e-006
478.	N = 611,	t = [ 118 103 68 ],	Φ = 1.2875e-006
479.	N = 296,	t = [ 57 50 33 ],	Φ = 1.2879e-006

480.	N = 592,	t = [ 114 100 66 ],	Φ = 1.2879e-006
481.	N = 888,	t = [ 171 150 99 ],	Φ = 1.2879e-006
482.	N = 939,	t = [ 182 159 104 ],	Φ = 1.2898e-006
483.	N = 942,	t = [ 181 160 105 ],	Φ = 1.2905e-006
484.	N = 1140,	t = [ 219 194 127 ],	Φ = 1.2977e-006
485.	N = 852,	t = [ 164 144 95 ],	Φ = 1.2990e-006
486.	N = 924,	t = [ 178 156 103 ],	Φ = 1.3024e-006
487.	N = 975,	t = [ 188 167 108 ],	Φ = 1.3047e-006
488.	N = 1057,	t = [ 204 181 117 ],	Φ = 1.3123e-006
489.	N = 794,	t = [ 153 136 88 ],	Φ = 1.3131e-006
490.	N = 556,	t = [ 107 94 62 ],	Φ = 1.3163e-006
491.	N = 628,	t = [ 121 106 70 ],	Φ = 1.3174e-006
492.	N = 958,	t = [ 185 164 106 ],	Φ = 1.3277e-006
493.	N = 986,	t = [ 191 168 109 ],	Φ = 1.3356e-006
494.	N = 960,	t = [ 185 162 107 ],	Φ = 1.3369e-006
495.	N = 765,	t = [ 148 129 85 ],	Φ = 1.3377e-006
496.	N = 816,	t = [ 157 138 91 ],	Φ = 1.3428e-006
497.	N = 398,	t = [ 77 68 44 ],	Φ = 1.3432e-006
498.	N = 796,	t = [ 154 136 88 ],	Φ = 1.3432e-006
499.	N = 841,	t = [ 163 143 93 ],	Φ = 1.3493e-006
500.	N = 877,	t = [ 170 149 97 ],	Φ = 1.3551e-006
501.	N = 890,	t = [ 172 150 99 ],	Φ = 1.3613e-006
502.	N = 1103,	t = [ 212 187 123 ],	Φ = 1.3613e-006
503.	N = 843,	t = [ 162 143 94 ],	Φ = 1.3698e-006
504.	N = 604,	t = [ 117 102 67 ],	Φ = 1.3716e-006
505.	N = 805,	t = [ 156 137 89 ],	Φ = 1.3738e-006
506.	N = 557,	t = [ 107 95 62 ],	Φ = 1.3768e-006
507.	N = 913,	t = [ 177 155 101 ],	Φ = 1.3844e-006
508.	N = 682,	t = [ 131 116 76 ],	Φ = 1.3852e-006
509.	N = 979,	t = [ 189 165 109 ],	Φ = 1.3853e-006
510.	N = 332,	t = [ 64 56 37 ],	Φ = 1.3871e-006
511.	N = 664,	t = [ 128 112 74 ],	Φ = 1.3871e-006
512.	N = 996,	t = [ 192 168 111 ],	Φ = 1.3871e-006
513.	N = 325,	t = [ 63 55 36 ],	Φ = 1.4006e-006
514.	N = 650,	t = [ 126 110 72 ],	Φ = 1.4006e-006
515.	N = 859,	t = [ 166 147 95 ],	Φ = 1.4053e-006
516.	N = 801,	t = [ 154 137 89 ],	Φ = 1.4076e-006
517.	N = 583,	t = [ 112 99 65 ],	Φ = 1.4235e-006
518.	N = 950,	t = [ 184 162 105 ],	Φ = 1.4235e-006
519.	N = 781,	t = [ 150 133 87 ],	Φ = 1.4276e-006
520.	N = 260,	t = [ 50 44 29 ],	Φ = 1.4283e-006
521.	N = 520,	t = [ 100 88 58 ],	Φ = 1.4283e-006
522.	N = 780,	t = [ 150 132 87 ],	Φ = 1.4283e-006
523.	N = 1040,	t = [ 200 176 116 ],	Φ = 1.4283e-006
524.	N = 949,	t = [ 184 161 105 ],	Φ = 1.4318e-006
525.	N = 977,	t = [ 189 167 108 ],	Φ = 1.4346e-006
526.	N = 769,	t = [ 149 131 85 ],	Φ = 1.4372e-006
527.	N = 522,	t = [ 101 88 58 ],	Φ = 1.4383e-006
528.	N = 613,	t = [ 118 105 68 ],	Φ = 1.4430e-006
529.	N = 1032,	t = [ 199 174 115 ],	Φ = 1.4494e-006
530.	N = 700,	t = [ 135 118 78 ],	Φ = 1.4843e-006
531.	N = 647,	t = [ 125 109 72 ],	Φ = 1.4914e-006
532.	N = 985,	t = [ 191 167 109 ],	Φ = 1.4933e-006
533.	N = 567,	t = [ 109 97 63 ],	Φ = 1.4983e-006
534.	N = 880,	t = [ 169 150 98 ],	Φ = 1.5021e-006
535.	N = 579,	t = [ 112 99 64 ],	Φ = 1.5023e-006
536.	N = 1067,	t = [ 205 181 119 ],	Φ = 1.5049e-006
537.	N = 1005,	t = [ 193 171 112 ],	Φ = 1.5074e-006
538.	N = 906,	t = [ 174 154 101 ],	Φ = 1.5176e-006
539.	N = 1068,	t = [ 206 180 119 ],	Φ = 1.5212e-006
540.	N = 1004,	t = [ 193 170 112 ],	Φ = 1.5269e-006
541.	N = 1104,	t = [ 212 188 123 ],	Φ = 1.5304e-006
542.	N = 914,	t = [ 177 156 101 ],	Φ = 1.5499e-006

543.	N = 733,	t = [ 142 125 81 ],	Φ = 1.5512e-006
544.	N = 656,	t = [ 126 112 73 ],	Φ = 1.5554e-006
545.	N = 624,	t = [ 121 106 69 ],	Φ = 1.5637e-006
546.	N = 1021,	t = [ 198 173 113 ],	Φ = 1.5655e-006
547.	N = 744,	t = [ 143 126 83 ],	Φ = 1.5675e-006
548.	N = 588,	t = [ 114 100 65 ],	Φ = 1.5679e-006
549.	N = 686,	t = [ 133 116 76 ],	Φ = 1.5748e-006
550.	N = 807,	t = [ 155 137 90 ],	Φ = 1.5892e-006
551.	N = 760,	t = [ 147 130 84 ],	Φ = 1.5953e-006
552.	N = 368,	t = [ 71 62 41 ],	Φ = 1.6002e-006
553.	N = 736,	t = [ 142 124 82 ],	Φ = 1.6002e-006
554.	N = 660,	t = [ 128 112 73 ],	Φ = 1.6058e-006
555.	N = 741,	t = [ 143 127 82 ],	Φ = 1.6134e-006
556.	N = 640,	t = [ 124 108 71 ],	Φ = 1.6134e-006
557.	N = 280,	t = [ 54 48 31 ],	Φ = 1.6188e-006
558.	N = 560,	t = [ 108 96 62 ],	Φ = 1.6188e-006
559.	N = 840,	t = [ 162 144 93 ],	Φ = 1.6188e-006
560.	N = 461,	t = [ 89 79 51 ],	Φ = 1.6363e-006
561.	N = 922,	t = [ 178 158 102 ],	Φ = 1.6363e-006
562.	N = 552,	t = [ 107 94 61 ],	Φ = 1.6380e-006
563.	N = 712,	t = [ 137 122 79 ],	Φ = 1.6385e-006
564.	N = 941,	t = [ 182 161 104 ],	Φ = 1.6558e-006
565.	N = 484,	t = [ 93 82 54 ],	Φ = 1.6619e-006
566.	N = 968,	t = [ 186 164 108 ],	Φ = 1.6619e-006
567.	N = 696,	t = [ 135 118 77 ],	Φ = 1.6801e-006
568.	N = 642,	t = [ 124 110 71 ],	Φ = 1.6876e-006
569.	N = 1031,	t = [ 198 175 115 ],	Φ = 1.6879e-006
570.	N = 659,	t = [ 127 113 73 ],	Φ = 1.6892e-006
571.	N = 683,	t = [ 132 115 76 ],	Φ = 1.6972e-006
572.	N = 755,	t = [ 145 129 84 ],	Φ = 1.7150e-006
573.	N = 878,	t = [ 170 150 97 ],	Φ = 1.7235e-006
574.	N = 823,	t = [ 159 141 91 ],	Φ = 1.7278e-006
575.	N = 333,	t = [ 64 57 37 ],	Φ = 1.7282e-006
576.	N = 666,	t = [ 128 114 74 ],	Φ = 1.7282e-006
577.	N = 772,	t = [ 149 130 86 ],	Φ = 1.7284e-006
578.	N = 697,	t = [ 135 119 77 ],	Φ = 1.7307e-006
579.	N = 279,	t = [ 54 47 31 ],	Φ = 1.7333e-006
580.	N = 558,	t = [ 108 94 62 ],	Φ = 1.7333e-006
581.	N = 361,	t = [ 70 61 40 ],	Φ = 1.7537e-006
582.	N = 722,	t = [ 140 122 80 ],	Φ = 1.7537e-006
583.	N = 959,	t = [ 186 163 106 ],	Φ = 1.7600e-006
584.	N = 995,	t = [ 193 169 110 ],	Φ = 1.7606e-006
585.	N = 708,	t = [ 136 120 79 ],	Φ = 1.7758e-006
586.	N = 732,	t = [ 142 124 81 ],	Φ = 1.7768e-006
587.	N = 923,	t = [ 179 157 102 ],	Φ = 1.7819e-006
588.	N = 379,	t = [ 73 65 42 ],	Φ = 1.7849e-006
589.	N = 758,	t = [ 146 130 84 ],	Φ = 1.7849e-006
590.	N = 323,	t = [ 62 55 36 ],	Φ = 1.7955e-006
591.	N = 646,	t = [ 124 110 72 ],	Φ = 1.7955e-006
592.	N = 969,	t = [ 186 165 108 ],	Φ = 1.7955e-006
593.	N = 753,	t = [ 145 127 84 ],	Φ = 1.7992e-006
594.	N = 516,	t = [ 100 88 57 ],	Φ = 1.8025e-006
595.	N = 870,	t = [ 167 148 97 ],	Φ = 1.8101e-006
596.	N = 717,	t = [ 138 121 80 ],	Φ = 1.8135e-006
597.	N = 905,	t = [ 174 153 101 ],	Φ = 1.8169e-006
598.	N = 789,	t = [ 152 133 88 ],	Φ = 1.8181e-006
599.	N = 745,	t = [ 143 127 83 ],	Φ = 1.8285e-006
600.	N = 887,	t = [ 172 151 98 ],	Φ = 1.8320e-006
601.	N = 547,	t = [ 105 93 61 ],	Φ = 1.8373e-006
602.	N = 932,	t = [ 179 158 104 ],	Φ = 1.8409e-006
603.	N = 676,	t = [ 131 114 75 ],	Φ = 1.8493e-006
604.	N = 825,	t = [ 159 139 92 ],	Φ = 1.8618e-006
605.	N = 404,	t = [ 78 68 45 ],	Φ = 1.8643e-006

606.	N = 808,	t = [ 156 136 90 ],	Φ = 1.8643e-006
607.	N = 681,	t = [ 131 115 76 ],	Φ = 1.8720e-006
608.	N = 771,	t = [ 148 131 86 ],	Φ = 1.8845e-006
609.	N = 768,	t = [ 149 130 85 ],	Φ = 1.8887e-006
610.	N = 422,	t = [ 81 72 47 ],	Φ = 1.8902e-006
611.	N = 844,	t = [ 162 144 94 ],	Φ = 1.8902e-006
612.	N = 719,	t = [ 139 121 80 ],	Φ = 1.9013e-006
613.	N = 851,	t = [ 165 145 94 ],	Φ = 1.9172e-006
614.	N = 861,	t = [ 166 145 96 ],	Φ = 1.9241e-006
615.	N = 181,	t = [ 35 31 20 ],	Φ = 1.9376e-006
616.	N = 362,	t = [ 70 62 40 ],	Φ = 1.9376e-006
617.	N = 543,	t = [ 105 93 60 ],	Φ = 1.9376e-006
618.	N = 724,	t = [ 140 124 80 ],	Φ = 1.9376e-006
619.	N = 869,	t = [ 167 147 97 ],	Φ = 1.9427e-006
620.	N = 842,	t = [ 163 144 93 ],	Φ = 1.9555e-006
621.	N = 478,	t = [ 92 82 53 ],	Φ = 1.9777e-006
622.	N = 645,	t = [ 124 109 72 ],	Φ = 1.9898e-006
623.	N = 661,	t = [ 128 113 73 ],	Φ = 1.9958e-006
624.	N = 897,	t = [ 173 151 100 ],	Φ = 2.0001e-006
625.	N = 804,	t = [ 156 136 89 ],	Φ = 2.0108e-006
626.	N = 594,	t = [ 115 100 66 ],	Φ = 2.0158e-006
627.	N = 886,	t = [ 171 152 98 ],	Φ = 2.0222e-006
628.	N = 521,	t = [ 100 89 58 ],	Φ = 2.0332e-006
629.	N = 815,	t = [ 158 139 90 ],	Φ = 2.0465e-006
630.	N = 432,	t = [ 83 74 48 ],	Φ = 2.0554e-006
631.	N = 224,	t = [ 43 38 25 ],	Φ = 2.0734e-006
632.	N = 448,	t = [ 86 76 50 ],	Φ = 2.0734e-006
633.	N = 672,	t = [ 129 114 75 ],	Φ = 2.0734e-006
634.	N = 896,	t = [ 172 152 100 ],	Φ = 2.0734e-006
635.	N = 933,	t = [ 180 157 104 ],	Φ = 2.0862e-006
636.	N = 480,	t = [ 93 82 53 ],	Φ = 2.1033e-006
637.	N = 397,	t = [ 77 67 44 ],	Φ = 2.1124e-006
638.	N = 833,	t = [ 160 141 93 ],	Φ = 2.1182e-006
639.	N = 371,	t = [ 72 63 41 ],	Φ = 2.1191e-006
640.	N = 742,	t = [ 144 126 82 ],	Φ = 2.1191e-006
641.	N = 705,	t = [ 136 121 78 ],	Φ = 2.1241e-006
642.	N = 706,	t = [ 137 120 78 ],	Φ = 2.1336e-006
643.	N = 778,	t = [ 151 132 86 ],	Φ = 2.1374e-006
644.	N = 577,	t = [ 111 99 64 ],	Φ = 2.1428e-006
645.	N = 787,	t = [ 152 135 87 ],	Φ = 2.1434e-006
646.	N = 440,	t = [ 85 74 49 ],	Φ = 2.1469e-006
647.	N = 620,	t = [ 119 106 69 ],	Φ = 2.1676e-006
648.	N = 407,	t = [ 79 69 45 ],	Φ = 2.1802e-006
649.	N = 814,	t = [ 158 138 90 ],	Φ = 2.1802e-006
650.	N = 834,	t = [ 160 142 93 ],	Φ = 2.1827e-006
651.	N = 457,	t = [ 88 77 51 ],	Φ = 2.1851e-006
652.	N = 609,	t = [ 117 103 68 ],	Φ = 2.1873e-006
653.	N = 335,	t = [ 65 57 37 ],	Φ = 2.1921e-006
654.	N = 670,	t = [ 130 114 74 ],	Φ = 2.1921e-006
655.	N = 493,	t = [ 95 83 55 ],	Φ = 2.2210e-006
656.	N = 779,	t = [ 151 133 86 ],	Φ = 2.2313e-006
657.	N = 421,	t = [ 81 71 47 ],	Φ = 2.2379e-006
658.	N = 850,	t = [ 165 144 94 ],	Φ = 2.2411e-006
659.	N = 606,	t = [ 117 104 67 ],	Φ = 2.2500e-006
660.	N = 806,	t = [ 156 138 89 ],	Φ = 2.2597e-006
661.	N = 531,	t = [ 102 91 59 ],	Φ = 2.2753e-006
662.	N = 735,	t = [ 141 125 82 ],	Φ = 2.2755e-006
663.	N = 315,	t = [ 61 53 35 ],	Φ = 2.2842e-006
664.	N = 630,	t = [ 122 106 70 ],	Φ = 2.2842e-006
665.	N = 634,	t = [ 123 108 70 ],	Φ = 2.3098e-006
666.	N = 529,	t = [ 102 89 59 ],	Φ = 2.3122e-006
667.	N = 443,	t = [ 86 75 49 ],	Φ = 2.3155e-006
668.	N = 709,	t = [ 136 121 79 ],	Φ = 2.3529e-006

669.	N = 797,	t = [ 153 135 89 ],	Φ = 2.3557e-006
670.	N = 610,	t = [ 117 104 68 ],	Φ = 2.3598e-006
671.	N = 623,	t = [ 120 107 69 ],	Φ = 2.3601e-006
672.	N = 524,	t = [ 101 90 58 ],	Φ = 2.3708e-006
673.	N = 860,	t = [ 165 146 96 ],	Φ = 2.3714e-006
674.	N = 625,	t = [ 121 107 69 ],	Φ = 2.3733e-006
675.	N = 688,	t = [ 133 118 76 ],	Φ = 2.3952e-006
676.	N = 476,	t = [ 92 80 53 ],	Φ = 2.4308e-006
677.	N = 385,	t = [ 74 65 43 ],	Φ = 2.4335e-006
678.	N = 770,	t = [ 148 130 86 ],	Φ = 2.4335e-006
679.	N = 565,	t = [ 109 95 63 ],	Φ = 2.4373e-006
680.	N = 511,	t = [ 98 87 57 ],	Φ = 2.4487e-006
681.	N = 433,	t = [ 84 73 48 ],	Φ = 2.4594e-006
682.	N = 743,	t = [ 144 127 82 ],	Φ = 2.4864e-006
683.	N = 636,	t = [ 122 108 71 ],	Φ = 2.4878e-006
684.	N = 479,	t = [ 93 81 53 ],	Φ = 2.4906e-006
685.	N = 573,	t = [ 110 97 64 ],	Φ = 2.4926e-006
686.	N = 425,	t = [ 82 73 47 ],	Φ = 2.5020e-006
687.	N = 299,	t = [ 58 51 33 ],	Φ = 2.5073e-006
688.	N = 598,	t = [ 116 102 66 ],	Φ = 2.5073e-006
689.	N = 507,	t = [ 98 87 56 ],	Φ = 2.5787e-006
690.	N = 601,	t = [ 116 101 67 ],	Φ = 2.5825e-006
691.	N = 824,	t = [ 160 140 91 ],	Φ = 2.6013e-006
692.	N = 444,	t = [ 86 76 49 ],	Φ = 2.6029e-006
693.	N = 734,	t = [ 141 124 82 ],	Φ = 2.6107e-006
694.	N = 798,	t = [ 153 136 89 ],	Φ = 2.6541e-006
695.	N = 788,	t = [ 153 134 87 ],	Φ = 2.6578e-006
696.	N = 761,	t = [ 146 129 85 ],	Φ = 2.6706e-006
697.	N = 751,	t = [ 145 129 83 ],	Φ = 2.6750e-006
698.	N = 515,	t = [ 100 87 57 ],	Φ = 2.6856e-006
699.	N = 512,	t = [ 99 86 57 ],	Φ = 2.7071e-006
700.	N = 618,	t = [ 119 104 69 ],	Φ = 2.7134e-006
701.	N = 654,	t = [ 126 110 73 ],	Φ = 2.7195e-006
702.	N = 637,	t = [ 123 107 71 ],	Φ = 2.7388e-006
703.	N = 412,	t = [ 79 70 46 ],	Φ = 2.7498e-006
704.	N = 582,	t = [ 112 98 65 ],	Φ = 2.7550e-006
705.	N = 752,	t = [ 146 128 83 ],	Φ = 2.7555e-006
706.	N = 690,	t = [ 133 116 77 ],	Φ = 2.7595e-006
707.	N = 351,	t = [ 68 59 39 ],	Φ = 2.7771e-006
708.	N = 469,	t = [ 91 79 52 ],	Φ = 2.7871e-006
709.	N = 699,	t = [ 134 119 78 ],	Φ = 2.7877e-006
710.	N = 669,	t = [ 129 115 74 ],	Φ = 2.7917e-006
711.	N = 562,	t = [ 109 96 62 ],	Φ = 2.8137e-006
712.	N = 726,	t = [ 140 122 81 ],	Φ = 2.8235e-006
713.	N = 707,	t = [ 137 121 78 ],	Φ = 2.8309e-006
714.	N = 349,	t = [ 67 59 39 ],	Φ = 2.8613e-006
715.	N = 698,	t = [ 134 118 78 ],	Φ = 2.8613e-006
716.	N = 546,	t = [ 105 92 61 ],	Φ = 2.8641e-006
717.	N = 551,	t = [ 107 93 61 ],	Φ = 2.8883e-006
718.	N = 589,	t = [ 114 101 65 ],	Φ = 2.8997e-006
719.	N = 673,	t = [ 130 113 75 ],	Φ = 2.9002e-006
720.	N = 762,	t = [ 147 128 85 ],	Φ = 2.9043e-006
721.	N = 716,	t = [ 139 122 79 ],	Φ = 2.9065e-006
722.	N = 537,	t = [ 103 91 60 ],	Φ = 2.9452e-006
723.	N = 525,	t = [ 102 89 58 ],	Φ = 2.9479e-006
724.	N = 489,	t = [ 95 83 54 ],	Φ = 2.9550e-006
725.	N = 548,	t = [ 106 92 61 ],	Φ = 2.9713e-006
726.	N = 485,	t = [ 93 83 54 ],	Φ = 2.9779e-006
727.	N = 584,	t = [ 112 100 65 ],	Φ = 2.9933e-006
728.	N = 386,	t = [ 74 66 43 ],	Φ = 2.9937e-006
729.	N = 561,	t = [ 109 95 62 ],	Φ = 2.9938e-006
730.	N = 326,	t = [ 63 56 36 ],	Φ = 3.0009e-006
731.	N = 652,	t = [ 126 112 72 ],	Φ = 3.0009e-006

732.	N = 570,	t = [ 110 98 63 ],	Φ = 3.0190e-006
733.	N = 453,	t = [ 88 77 50 ],	Φ = 3.0432e-006
734.	N = 600,	t = [ 115 102 67 ],	Φ = 3.0557e-006
735.	N = 510,	t = [ 98 86 57 ],	Φ = 3.0689e-006
736.	N = 597,	t = [ 116 101 66 ],	Φ = 3.0743e-006
737.	N = 725,	t = [ 139 123 81 ],	Φ = 3.0833e-006
738.	N = 587,	t = [ 114 99 65 ],	Φ = 3.0917e-006
739.	N = 505,	t = [ 98 85 56 ],	Φ = 3.0929e-006
740.	N = 541,	t = [ 104 93 60 ],	Φ = 3.1038e-006
741.	N = 442,	t = [ 85 76 49 ],	Φ = 3.1110e-006
742.	N = 680,	t = [ 132 116 75 ],	Φ = 3.1263e-006
743.	N = 287,	t = [ 55 49 32 ],	Φ = 3.1281e-006
744.	N = 574,	t = [ 110 98 64 ],	Φ = 3.1281e-006
745.	N = 343,	t = [ 66 59 38 ],	Φ = 3.1718e-006
746.	N = 633,	t = [ 123 107 70 ],	Φ = 3.1770e-006
747.	N = 662,	t = [ 127 112 74 ],	Φ = 3.2066e-006
748.	N = 387,	t = [ 75 65 43 ],	Φ = 3.2143e-006
749.	N = 417,	t = [ 81 71 46 ],	Φ = 3.2560e-006
750.	N = 263,	t = [ 51 45 29 ],	Φ = 3.2694e-006
751.	N = 526,	t = [ 102 90 58 ],	Φ = 3.2694e-006
752.	N = 671,	t = [ 130 115 74 ],	Φ = 3.2901e-006
753.	N = 475,	t = [ 91 81 53 ],	Φ = 3.3369e-006
754.	N = 715,	t = [ 138 123 79 ],	Φ = 3.3522e-006
755.	N = 99,	t = [ 19 17 11 ],	Φ = 3.3681e-006
756.	N = 198,	t = [ 38 34 22 ],	Φ = 3.3681e-006
757.	N = 297,	t = [ 57 51 33 ],	Φ = 3.3681e-006
758.	N = 396,	t = [ 76 68 44 ],	Φ = 3.3681e-006
759.	N = 495,	t = [ 95 85 55 ],	Φ = 3.3681e-006
760.	N = 408,	t = [ 79 70 45 ],	Φ = 3.3971e-006
761.	N = 474,	t = [ 91 80 53 ],	Φ = 3.4109e-006
762.	N = 244,	t = [ 47 42 27 ],	Φ = 3.4357e-006
763.	N = 488,	t = [ 94 84 54 ],	Φ = 3.4357e-006
764.	N = 644,	t = [ 125 110 71 ],	Φ = 3.4359e-006
765.	N = 663,	t = [ 127 113 74 ],	Φ = 3.4549e-006
766.	N = 635,	t = [ 122 107 71 ],	Φ = 3.4946e-006
767.	N = 679,	t = [ 132 115 75 ],	Φ = 3.4950e-006
768.	N = 643,	t = [ 125 109 71 ],	Φ = 3.4955e-006
769.	N = 471,	t = [ 91 81 52 ],	Φ = 3.5083e-006
770.	N = 607,	t = [ 118 103 67 ],	Φ = 3.5361e-006
771.	N = 501,	t = [ 96 85 56 ],	Φ = 3.6015e-006
772.	N = 423,	t = [ 82 71 47 ],	Φ = 3.6017e-006
773.	N = 689,	t = [ 132 117 77 ],	Φ = 3.6199e-006
774.	N = 553,	t = [ 107 95 61 ],	Φ = 3.6257e-006
775.	N = 571,	t = [ 111 97 63 ],	Φ = 3.6324e-006
776.	N = 381,	t = [ 74 65 42 ],	Φ = 3.6628e-006
777.	N = 313,	t = [ 60 53 35 ],	Φ = 3.6753e-006
778.	N = 626,	t = [ 120 106 70 ],	Φ = 3.6753e-006
779.	N = 599,	t = [ 115 101 67 ],	Φ = 3.7837e-006
780.	N = 616,	t = [ 119 106 68 ],	Φ = 3.7991e-006
781.	N = 535,	t = [ 104 91 59 ],	Φ = 3.8066e-006
782.	N = 188,	t = [ 36 32 21 ],	Φ = 3.8276e-006
783.	N = 376,	t = [ 72 64 42 ],	Φ = 3.8276e-006
784.	N = 564,	t = [ 108 96 63 ],	Φ = 3.8276e-006
785.	N = 389,	t = [ 75 67 43 ],	Φ = 3.8329e-006
786.	N = 608,	t = [ 118 104 67 ],	Φ = 3.8636e-006
787.	N = 490,	t = [ 95 84 54 ],	Φ = 3.9330e-006
788.	N = 459,	t = [ 89 77 51 ],	Φ = 3.9455e-006
789.	N = 438,	t = [ 84 74 49 ],	Φ = 3.9524e-006
790.	N = 534,	t = [ 103 92 59 ],	Φ = 4.0658e-006
791.	N = 499,	t = [ 97 85 55 ],	Φ = 4.0908e-006
792.	N = 538,	t = [ 103 92 60 ],	Φ = 4.1701e-006
793.	N = 563,	t = [ 108 95 63 ],	Φ = 4.1954e-006
794.	N = 653,	t = [ 127 111 72 ],	Φ = 4.2079e-006

795.	N = 590,	t = [ 113 100 66 ],	Φ = 4.3062e-006
796.	N = 627,	t = [ 120 107 70 ],	Φ = 4.3218e-006
797.	N = 449,	t = [ 86 77 50 ],	Φ = 4.3296e-006
798.	N = 345,	t = [ 67 59 38 ],	Φ = 4.3776e-006
799.	N = 617,	t = [ 120 105 68 ],	Φ = 4.4311e-006
800.	N = 572,	t = [ 111 98 63 ],	Φ = 4.4481e-006
801.	N = 555,	t = [ 107 93 62 ],	Φ = 4.4537e-006
802.	N = 358,	t = [ 69 60 40 ],	Φ = 4.4594e-006
803.	N = 197,	t = [ 38 33 22 ],	Φ = 4.4705e-006
804.	N = 394,	t = [ 76 66 44 ],	Φ = 4.4705e-006
805.	N = 591,	t = [ 114 99 66 ],	Φ = 4.4705e-006
806.	N = 519,	t = [ 100 87 58 ],	Φ = 4.4773e-006
807.	N = 463,	t = [ 90 79 51 ],	Φ = 4.5318e-006
808.	N = 465,	t = [ 89 79 52 ],	Φ = 4.5434e-006
809.	N = 430,	t = [ 83 72 48 ],	Φ = 4.5440e-006
810.	N = 161,	t = [ 31 27 18 ],	Φ = 4.5604e-006
811.	N = 322,	t = [ 62 54 36 ],	Φ = 4.5604e-006
812.	N = 483,	t = [ 93 81 54 ],	Φ = 4.5604e-006
813.	N = 439,	t = [ 84 75 49 ],	Φ = 4.6187e-006
814.	N = 517,	t = [ 100 89 57 ],	Φ = 4.6223e-006
815.	N = 372,	t = [ 72 64 41 ],	Φ = 4.6377e-006
816.	N = 233,	t = [ 45 39 26 ],	Φ = 4.6518e-006
817.	N = 466,	t = [ 90 78 52 ],	Φ = 4.6518e-006
818.	N = 350,	t = [ 67 60 39 ],	Φ = 4.7290e-006
819.	N = 447,	t = [ 86 75 50 ],	Φ = 4.7323e-006
820.	N = 581,	t = [ 113 99 64 ],	Φ = 4.7496e-006
821.	N = 527,	t = [ 101 89 59 ],	Φ = 4.7736e-006
822.	N = 502,	t = [ 97 84 56 ],	Φ = 4.7773e-006
823.	N = 406,	t = [ 78 70 45 ],	Φ = 4.7781e-006
824.	N = 402,	t = [ 77 68 45 ],	Φ = 4.7887e-006
825.	N = 145,	t = [ 28 25 16 ],	Φ = 4.8496e-006
826.	N = 290,	t = [ 56 50 32 ],	Φ = 4.8496e-006
827.	N = 435,	t = [ 84 75 48 ],	Φ = 4.8496e-006
828.	N = 580,	t = [ 112 100 64 ],	Φ = 4.8496e-006
829.	N = 286,	t = [ 55 48 32 ],	Φ = 4.8647e-006
830.	N = 528,	t = [ 101 90 59 ],	Φ = 4.8740e-006
831.	N = 227,	t = [ 44 39 25 ],	Φ = 4.8901e-006
832.	N = 454,	t = [ 88 78 50 ],	Φ = 4.8901e-006
833.	N = 269,	t = [ 52 45 30 ],	Φ = 4.9108e-006
834.	N = 452,	t = [ 87 78 50 ],	Φ = 4.9403e-006
835.	N = 411,	t = [ 79 69 46 ],	Φ = 5.0377e-006
836.	N = 536,	t = [ 103 90 60 ],	Φ = 5.1425e-006
837.	N = 277,	t = [ 53 47 31 ],	Φ = 5.1528e-006
838.	N = 554,	t = [ 106 94 62 ],	Φ = 5.1528e-006
839.	N = 305,	t = [ 59 51 34 ],	Φ = 5.1806e-006
840.	N = 545,	t = [ 106 93 60 ],	Φ = 5.1966e-006
841.	N = 427,	t = [ 83 73 47 ],	Φ = 5.2005e-006
842.	N = 360,	t = [ 69 62 40 ],	Φ = 5.3753e-006
843.	N = 341,	t = [ 66 57 38 ],	Φ = 5.4374e-006
844.	N = 307,	t = [ 59 53 34 ],	Φ = 5.4520e-006
845.	N = 498,	t = [ 96 86 55 ],	Φ = 5.4913e-006
846.	N = 340,	t = [ 65 58 38 ],	Φ = 5.5299e-006
847.	N = 125,	t = [ 24 21 14 ],	Φ = 5.5476e-006
848.	N = 250,	t = [ 48 42 28 ],	Φ = 5.5476e-006
849.	N = 375,	t = [ 72 63 42 ],	Φ = 5.5476e-006
850.	N = 500,	t = [ 96 84 56 ],	Φ = 5.5476e-006
851.	N = 491,	t = [ 94 83 55 ],	Φ = 5.5810e-006
852.	N = 251,	t = [ 48 43 28 ],	Φ = 5.5838e-006
853.	N = 309,	t = [ 60 53 34 ],	Φ = 5.5953e-006
854.	N = 377,	t = [ 73 63 42 ],	Φ = 5.6736e-006
855.	N = 344,	t = [ 67 58 38 ],	Φ = 5.8172e-006
856.	N = 509,	t = [ 99 87 56 ],	Φ = 5.8191e-006
857.	N = 190,	t = [ 37 32 21 ],	Φ = 5.8483e-006

858.	N = 380,	t = [ 74 64 42 ],	Φ = 5.8483e-006
859.	N = 154,	t = [ 30 26 17 ],	Φ = 5.8614e-006
860.	N = 308,	t = [ 60 52 34 ],	Φ = 5.8614e-006
861.	N = 462,	t = [ 90 78 51 ],	Φ = 5.8614e-006
862.	N = 353,	t = [ 68 61 39 ],	Φ = 5.8746e-006
863.	N = 413,	t = [ 80 69 46 ],	Φ = 5.8877e-006
864.	N = 429,	t = [ 82 73 48 ],	Φ = 5.8930e-006
865.	N = 416,	t = [ 81 70 46 ],	Φ = 5.9194e-006
866.	N = 426,	t = [ 83 72 47 ],	Φ = 5.9639e-006
867.	N = 481,	t = [ 93 83 53 ],	Φ = 5.9913e-006
868.	N = 226,	t = [ 44 38 25 ],	Φ = 6.0109e-006
869.	N = 272,	t = [ 53 46 30 ],	Φ = 6.0483e-006
870.	N = 544,	t = [ 106 92 60 ],	Φ = 6.0483e-006
871.	N = 366,	t = [ 70 62 41 ],	Φ = 6.0710e-006
872.	N = 464,	t = [ 89 78 52 ],	Φ = 6.1318e-006
873.	N = 390,	t = [ 76 66 43 ],	Φ = 6.1623e-006
874.	N = 391,	t = [ 76 67 43 ],	Φ = 6.2059e-006
875.	N = 262,	t = [ 51 44 29 ],	Φ = 6.2157e-006
876.	N = 508,	t = [ 99 86 56 ],	Φ = 6.2328e-006
877.	N = 261,	t = [ 50 45 29 ],	Φ = 6.2599e-006
878.	N = 418,	t = [ 81 72 46 ],	Φ = 6.2697e-006
879.	N = 518,	t = [ 99 88 58 ],	Φ = 6.2897e-006
880.	N = 492,	t = [ 94 84 55 ],	Φ = 6.2950e-006
881.	N = 339,	t = [ 65 57 38 ],	Φ = 6.3786e-006
882.	N = 298,	t = [ 58 50 33 ],	Φ = 6.4198e-006
883.	N = 403,	t = [ 77 69 45 ],	Φ = 6.4722e-006
884.	N = 118,	t = [ 23 20 13 ],	Φ = 6.5121e-006
885.	N = 236,	t = [ 46 40 26 ],	Φ = 6.5121e-006
886.	N = 354,	t = [ 69 60 39 ],	Φ = 6.5121e-006
887.	N = 472,	t = [ 92 80 52 ],	Φ = 6.5121e-006
888.	N = 336,	t = [ 65 58 37 ],	Φ = 6.5723e-006
889.	N = 334,	t = [ 65 56 37 ],	Φ = 6.6093e-006
890.	N = 473,	t = [ 92 81 52 ],	Φ = 6.6846e-006
891.	N = 455,	t = [ 87 77 51 ],	Φ = 6.7089e-006
892.	N = 370,	t = [ 72 62 41 ],	Φ = 6.7807e-006
893.	N = 399,	t = [ 77 69 44 ],	Φ = 6.7902e-006
894.	N = 436,	t = [ 85 74 48 ],	Φ = 6.9276e-006
895.	N = 214,	t = [ 41 36 24 ],	Φ = 6.9719e-006
896.	N = 428,	t = [ 82 72 48 ],	Φ = 6.9719e-006
897.	N = 208,	t = [ 40 36 23 ],	Φ = 7.0755e-006
898.	N = 318,	t = [ 62 54 35 ],	Φ = 7.1064e-006
899.	N = 314,	t = [ 60 54 35 ],	Φ = 7.4687e-006
900.	N = 200,	t = [ 39 34 22 ],	Φ = 7.5427e-006
901.	N = 400,	t = [ 78 68 44 ],	Φ = 7.5427e-006
902.	N = 273,	t = [ 53 47 30 ],	Φ = 7.6660e-006
903.	N = 355,	t = [ 69 61 39 ],	Φ = 7.7222e-006
904.	N = 303,	t = [ 58 51 34 ],	Φ = 7.7299e-006
905.	N = 241,	t = [ 46 41 27 ],	Φ = 7.8236e-006
906.	N = 482,	t = [ 92 82 54 ],	Φ = 7.8236e-006
907.	N = 393,	t = [ 75 67 44 ],	Φ = 7.8373e-006
908.	N = 445,	t = [ 86 77 49 ],	Φ = 7.8819e-006
909.	N = 437,	t = [ 85 75 48 ],	Φ = 7.8930e-006
910.	N = 456,	t = [ 88 76 51 ],	Φ = 7.9157e-006
911.	N = 330,	t = [ 63 56 37 ],	Φ = 8.0471e-006
912.	N = 254,	t = [ 49 44 28 ],	Φ = 8.0716e-006
913.	N = 282,	t = [ 55 48 31 ],	Φ = 8.1107e-006
914.	N = 420,	t = [ 81 70 47 ],	Φ = 8.1698e-006
915.	N = 392,	t = [ 75 66 44 ],	Φ = 8.1857e-006
916.	N = 152,	t = [ 29 26 17 ],	Φ = 8.2360e-006
917.	N = 304,	t = [ 58 52 34 ],	Φ = 8.2360e-006
918.	N = 191,	t = [ 37 33 21 ],	Φ = 8.2712e-006
919.	N = 382,	t = [ 74 66 42 ],	Φ = 8.2712e-006
920.	N = 419,	t = [ 80 71 47 ],	Φ = 8.2937e-006



921.	N = 364,	t = [ 71 62 40 ],	Φ = 8.4572e-006
922.	N = 162,	t = [ 31 28 18 ],	Φ = 8.4687e-006
923.	N = 324,	t = [ 62 56 36 ],	Φ = 8.4687e-006
924.	N = 384,	t = [ 74 64 43 ],	Φ = 8.5456e-006
925.	N = 446,	t = [ 87 76 49 ],	Φ = 8.6889e-006
926.	N = 317,	t = [ 61 55 35 ],	Φ = 9.0364e-006
927.	N = 348,	t = [ 67 58 39 ],	Φ = 9.1064e-006
928.	N = 36,	t = [ 7 6 4 ],	Φ = 9.1700e-006
929.	N = 72,	t = [ 14 12 8 ],	Φ = 9.1700e-006
930.	N = 108,	t = [ 21 18 12 ],	Φ = 9.1700e-006
931.	N = 144,	t = [ 28 24 16 ],	Φ = 9.1700e-006
932.	N = 180,	t = [ 35 30 20 ],	Φ = 9.1700e-006
933.	N = 216,	t = [ 42 36 24 ],	Φ = 9.1700e-006
934.	N = 252,	t = [ 49 42 28 ],	Φ = 9.1700e-006
935.	N = 288,	t = [ 56 48 32 ],	Φ = 9.1700e-006
936.	N = 367,	t = [ 70 63 41 ],	Φ = 9.1763e-006
937.	N = 401,	t = [ 77 67 45 ],	Φ = 9.2154e-006
938.	N = 271,	t = [ 52 47 30 ],	Φ = 9.2389e-006
939.	N = 300,	t = [ 58 52 33 ],	Φ = 9.6244e-006
940.	N = 363,	t = [ 70 63 40 ],	Φ = 9.6258e-006
941.	N = 82,	t = [ 16 14 9 ],	Φ = 9.8350e-006
942.	N = 164,	t = [ 32 28 18 ],	Φ = 9.8350e-006
943.	N = 246,	t = [ 48 42 27 ],	Φ = 9.8350e-006
944.	N = 328,	t = [ 64 56 36 ],	Φ = 9.8350e-006
945.	N = 410,	t = [ 80 70 45 ],	Φ = 9.8350e-006
946.	N = 312,	t = [ 60 52 35 ],	Φ = 9.9573e-006
947.	N = 89,	t = [ 17 15 10 ],	Φ = 9.9597e-006
948.	N = 178,	t = [ 34 30 20 ],	Φ = 9.9597e-006
949.	N = 267,	t = [ 51 45 30 ],	Φ = 9.9597e-006
950.	N = 356,	t = [ 68 60 40 ],	Φ = 9.9597e-006
951.	N = 331,	t = [ 64 55 37 ],	Φ = 1.0028e-005
952.	N = 319,	t = [ 62 55 35 ],	Φ = 1.0039e-005
953.	N = 215,	t = [ 41 37 24 ],	Φ = 1.0162e-005
954.	N = 365,	t = [ 70 61 41 ],	Φ = 1.0330e-005
955.	N = 295,	t = [ 57 49 33 ],	Φ = 1.0497e-005
956.	N = 409,	t = [ 79 71 45 ],	Φ = 1.0518e-005
957.	N = 383,	t = [ 73 65 43 ],	Φ = 1.0545e-005
958.	N = 357,	t = [ 68 61 40 ],	Φ = 1.0672e-005
959.	N = 294,	t = [ 56 50 33 ],	Φ = 1.1143e-005
960.	N = 259,	t = [ 50 43 29 ],	Φ = 1.1212e-005
961.	N = 346,	t = [ 67 60 38 ],	Φ = 1.1214e-005
962.	N = 237,	t = [ 46 41 26 ],	Φ = 1.1258e-005
963.	N = 276,	t = [ 53 46 31 ],	Φ = 1.1283e-005
964.	N = 225,	t = [ 43 39 25 ],	Φ = 1.1451e-005
965.	N = 374,	t = [ 73 64 41 ],	Φ = 1.1453e-005
966.	N = 278,	t = [ 53 48 31 ],	Φ = 1.1869e-005
967.	N = 292,	t = [ 57 50 32 ],	Φ = 1.1956e-005
968.	N = 329,	t = [ 63 55 37 ],	Φ = 1.1957e-005
969.	N = 223,	t = [ 43 37 25 ],	Φ = 1.2357e-005
970.	N = 320,	t = [ 61 54 36 ],	Φ = 1.2601e-005
971.	N = 268,	t = [ 51 46 30 ],	Φ = 1.2625e-005
972.	N = 205,	t = [ 39 35 23 ],	Φ = 1.2782e-005
973.	N = 373,	t = [ 73 63 41 ],	Φ = 1.2820e-005
974.	N = 210,	t = [ 41 36 23 ],	Φ = 1.2907e-005
975.	N = 327,	t = [ 64 55 36 ],	Φ = 1.3265e-005
976.	N = 240,	t = [ 46 40 27 ],	Φ = 1.3428e-005
977.	N = 283,	t = [ 55 49 31 ],	Φ = 1.3658e-005
978.	N = 231,	t = [ 44 39 26 ],	Φ = 1.3756e-005
979.	N = 338,	t = [ 66 58 37 ],	Φ = 1.3783e-005
980.	N = 347,	t = [ 66 59 39 ],	Φ = 1.3798e-005
981.	N = 109,	t = [ 21 19 12 ],	Φ = 1.3840e-005
982.	N = 218,	t = [ 42 38 24 ],	Φ = 1.3840e-005
983.	N = 281,	t = [ 54 49 31 ],	Φ = 1.4035e-005

984.	N = 337,	t = [ 66 57 37 ],	Φ = 1.4182e-005
985.	N = 187,	t = [ 36 31 21 ],	Φ = 1.4316e-005
986.	N = 293,	t = [ 56 49 33 ],	Φ = 1.4397e-005
987.	N = 264,	t = [ 51 46 29 ],	Φ = 1.4556e-005
988.	N = 291,	t = [ 57 49 32 ],	Φ = 1.4576e-005
989.	N = 172,	t = [ 33 30 19 ],	Φ = 1.4593e-005
990.	N = 321,	t = [ 61 55 36 ],	Φ = 1.4882e-005
991.	N = 128,	t = [ 25 22 14 ],	Φ = 1.5330e-005
992.	N = 256,	t = [ 50 44 28 ],	Φ = 1.5330e-005
993.	N = 242,	t = [ 47 40 27 ],	Φ = 1.5609e-005
994.	N = 155,	t = [ 30 27 17 ],	Φ = 1.5630e-005
995.	N = 310,	t = [ 60 54 34 ],	Φ = 1.5630e-005
996.	N = 235,	t = [ 45 41 26 ],	Φ = 1.5704e-005
997.	N = 258,	t = [ 49 44 29 ],	Φ = 1.6128e-005
998.	N = 301,	t = [ 59 51 33 ],	Φ = 1.6131e-005
999.	N = 245,	t = [ 48 41 27 ],	Φ = 1.6469e-005
1000.	N = 255,	t = [ 50 43 28 ],	Φ = 1.6517e-005
1001.	N = 142,	t = [ 27 24 16 ],	Φ = 1.6640e-005
1002.	N = 284,	t = [ 54 48 32 ],	Φ = 1.6640e-005
1003.	N = 206,	t = [ 40 34 23 ],	Φ = 1.7080e-005
1004.	N = 204,	t = [ 39 34 23 ],	Φ = 1.7089e-005
1005.	N = 302,	t = [ 59 52 33 ],	Φ = 1.7226e-005
1006.	N = 201,	t = [ 39 35 22 ],	Φ = 1.7758e-005
1007.	N = 151,	t = [ 29 25 17 ],	Φ = 1.8003e-005
1008.	N = 257,	t = [ 49 43 29 ],	Φ = 1.8189e-005
1009.	N = 311,	t = [ 59 53 35 ],	Φ = 1.8606e-005
1010.	N = 209,	t = [ 41 35 23 ],	Φ = 1.8708e-005
1011.	N = 285,	t = [ 55 47 32 ],	Φ = 1.8728e-005
1012.	N = 174,	t = [ 34 30 19 ],	Φ = 1.8730e-005
1013.	N = 265,	t = [ 52 45 29 ],	Φ = 1.9026e-005
1014.	N = 179,	t = [ 34 31 20 ],	Φ = 1.9084e-005
1015.	N = 170,	t = [ 33 28 19 ],	Φ = 1.9351e-005
1016.	N = 247,	t = [ 48 43 27 ],	Φ = 1.9509e-005
1017.	N = 219,	t = [ 43 37 24 ],	Φ = 1.9548e-005
1018.	N = 116,	t = [ 22 20 13 ],	Φ = 1.9994e-005
1019.	N = 232,	t = [ 44 40 26 ],	Φ = 1.9994e-005
1020.	N = 195,	t = [ 37 33 22 ],	Φ = 2.0559e-005
1021.	N = 220,	t = [ 43 38 24 ],	Φ = 2.0947e-005
1022.	N = 266,	t = [ 51 44 30 ],	Φ = 2.1162e-005
1023.	N = 63,	t = [ 12 11 7 ],	Φ = 2.1191e-005
1024.	N = 126,	t = [ 24 22 14 ],	Φ = 2.1191e-005
1025.	N = 189,	t = [ 36 33 21 ],	Φ = 2.1191e-005
1026.	N = 249,	t = [ 48 41 28 ],	Φ = 2.1370e-005
1027.	N = 199,	t = [ 39 33 22 ],	Φ = 2.2048e-005
1028.	N = 173,	t = [ 34 29 19 ],	Φ = 2.2373e-005
1029.	N = 274,	t = [ 53 48 30 ],	Φ = 2.2456e-005
1030.	N = 169,	t = [ 32 29 19 ],	Φ = 2.2533e-005
1031.	N = 228,	t = [ 44 40 25 ],	Φ = 2.2835e-005
1032.	N = 248,	t = [ 47 42 28 ],	Φ = 2.3048e-005
1033.	N = 134,	t = [ 26 22 15 ],	Φ = 2.3248e-005
1034.	N = 275,	t = [ 54 47 30 ],	Φ = 2.3471e-005
1035.	N = 229,	t = [ 45 39 25 ],	Φ = 2.3541e-005
1036.	N = 168,	t = [ 32 28 19 ],	Φ = 2.3830e-005
1037.	N = 221,	t = [ 42 37 25 ],	Φ = 2.4375e-005
1038.	N = 222,	t = [ 42 38 25 ],	Φ = 2.4504e-005
1039.	N = 183,	t = [ 36 31 20 ],	Φ = 2.4630e-005
1040.	N = 182,	t = [ 35 32 20 ],	Φ = 2.4724e-005
1041.	N = 213,	t = [ 41 35 24 ],	Φ = 2.5402e-005
1042.	N = 163,	t = [ 32 27 18 ],	Φ = 2.5997e-005
1043.	N = 115,	t = [ 22 19 13 ],	Φ = 2.6020e-005
1044.	N = 230,	t = [ 44 38 26 ],	Φ = 2.6020e-005
1045.	N = 137,	t = [ 27 23 15 ],	Φ = 2.9081e-005
1046.	N = 211,	t = [ 41 37 23 ],	Φ = 2.9443e-005

1047.	N = 239,	t = [ 47 41 26 ],	Φ = 2.9909e-005
1048.	N = 165,	t = [ 32 29 18 ],	Φ = 3.0367e-005
1049.	N = 46,	t = [ 9 8 5 ],	Φ = 3.0924e-005
1050.	N = 92,	t = [ 18 16 10 ],	Φ = 3.0924e-005
1051.	N = 138,	t = [ 27 24 15 ],	Φ = 3.0924e-005
1052.	N = 184,	t = [ 36 32 20 ],	Φ = 3.0924e-005
1053.	N = 193,	t = [ 38 33 21 ],	Φ = 3.1054e-005
1054.	N = 98,	t = [ 19 16 11 ],	Φ = 3.1173e-005
1055.	N = 196,	t = [ 38 32 22 ],	Φ = 3.1173e-005
1056.	N = 136,	t = [ 26 24 15 ],	Φ = 3.1445e-005
1057.	N = 177,	t = [ 34 29 20 ],	Φ = 3.2039e-005
1058.	N = 127,	t = [ 25 21 14 ],	Φ = 3.2989e-005
1059.	N = 119,	t = [ 23 21 13 ],	Φ = 3.3440e-005
1060.	N = 238,	t = [ 46 42 26 ],	Φ = 3.3440e-005
1061.	N = 53,	t = [ 10 9 6 ],	Φ = 3.3741e-005
1062.	N = 106,	t = [ 20 18 12 ],	Φ = 3.3741e-005
1063.	N = 159,	t = [ 30 27 18 ],	Φ = 3.3741e-005
1064.	N = 212,	t = [ 40 36 24 ],	Φ = 3.3741e-005
1065.	N = 194,	t = [ 37 32 22 ],	Φ = 3.3992e-005
1066.	N = 147,	t = [ 29 25 16 ],	Φ = 3.4055e-005
1067.	N = 185,	t = [ 35 31 21 ],	Φ = 3.5157e-005
1068.	N = 192,	t = [ 37 34 21 ],	Φ = 3.7545e-005
1069.	N = 132,	t = [ 25 22 15 ],	Φ = 3.7742e-005
1070.	N = 153,	t = [ 30 25 17 ],	Φ = 3.7917e-005
1071.	N = 143,	t = [ 27 25 16 ],	Φ = 3.8002e-005
1072.	N = 160,	t = [ 31 26 18 ],	Φ = 3.8946e-005
1073.	N = 186,	t = [ 35 32 21 ],	Φ = 3.9464e-005
1074.	N = 203,	t = [ 40 35 22 ],	Φ = 4.0421e-005
1075.	N = 101,	t = [ 20 17 11 ],	Φ = 4.3704e-005
1076.	N = 202,	t = [ 40 34 22 ],	Φ = 4.3704e-005
1077.	N = 133,	t = [ 25 23 15 ],	Φ = 4.3733e-005
1078.	N = 141,	t = [ 27 23 16 ],	Φ = 4.4200e-005
1079.	N = 157,	t = [ 31 27 17 ],	Φ = 4.4740e-005
1080.	N = 73,	t = [ 14 13 8 ],	Φ = 4.7138e-005
1081.	N = 146,	t = [ 28 26 16 ],	Φ = 4.7138e-005
1082.	N = 175,	t = [ 34 31 19 ],	Φ = 4.7538e-005
1083.	N = 91,	t = [ 18 15 10 ],	Φ = 4.7973e-005
1084.	N = 79,	t = [ 15 13 9 ],	Φ = 4.8304e-005
1085.	N = 158,	t = [ 30 26 18 ],	Φ = 4.8304e-005
1086.	N = 148,	t = [ 29 26 16 ],	Φ = 5.0412e-005
1087.	N = 117,	t = [ 23 19 13 ],	Φ = 5.0701e-005
1088.	N = 176,	t = [ 33 30 20 ],	Φ = 5.2904e-005
1089.	N = 62,	t = [ 12 10 7 ],	Φ = 5.3344e-005
1090.	N = 124,	t = [ 24 20 14 ],	Φ = 5.3344e-005
1091.	N = 111,	t = [ 22 19 12 ],	Φ = 5.4443e-005
1092.	N = 149,	t = [ 28 25 17 ],	Φ = 5.5829e-005
1093.	N = 156,	t = [ 31 26 17 ],	Φ = 5.7492e-005
1094.	N = 129,	t = [ 25 23 14 ],	Φ = 5.7728e-005
1095.	N = 80,	t = [ 15 14 9 ],	Φ = 5.8051e-005
1096.	N = 90,	t = [ 17 16 10 ],	Φ = 5.8620e-005
1097.	N = 166,	t = [ 33 28 18 ],	Φ = 5.8755e-005
1098.	N = 167,	t = [ 33 29 18 ],	Φ = 5.9052e-005
1099.	N = 102,	t = [ 20 18 11 ],	Φ = 6.1026e-005
1100.	N = 123,	t = [ 23 21 14 ],	Φ = 6.2638e-005
1101.	N = 150,	t = [ 28 26 17 ],	Φ = 6.8727e-005
1102.	N = 105,	t = [ 20 17 12 ],	Φ = 7.0518e-005
1103.	N = 96,	t = [ 18 16 11 ],	Φ = 7.2287e-005
1104.	N = 121,	t = [ 24 21 13 ],	Φ = 7.3272e-005
1105.	N = 100,	t = [ 19 18 11 ],	Φ = 7.5627e-005
1106.	N = 122,	t = [ 23 20 14 ],	Φ = 7.7670e-005
1107.	N = 81,	t = [ 16 13 9 ],	Φ = 7.9894e-005
1108.	N = 139,	t = [ 27 25 15 ],	Φ = 8.4154e-005
1109.	N = 107,	t = [ 20 19 12 ],	Φ = 8.4437e-005

1110.	N = 120,	t = [ 24 20 13 ],	Φ = 8.4999e-005
1111.	N = 88,	t = [ 17 14 10 ],	Φ = 8.6134e-005
1112.	N = 83,	t = [ 16 15 9 ],	Φ = 8.6581e-005
1113.	N = 65,	t = [ 13 11 7 ],	Φ = 8.7498e-005
1114.	N = 130,	t = [ 26 22 14 ],	Φ = 8.7498e-005
1115.	N = 131,	t = [ 25 21 15 ],	Φ = 8.8707e-005
1116.	N = 70,	t = [ 13 12 8 ],	Φ = 9.1031e-005
1117.	N = 140,	t = [ 26 24 16 ],	Φ = 9.1031e-005
1118.	N = 56,	t = [ 11 10 6 ],	Φ = 9.4549e-005
1119.	N = 112,	t = [ 22 20 12 ],	Φ = 9.4549e-005
1120.	N = 55,	t = [ 11 9 6 ],	Φ = 9.4643e-005
1121.	N = 110,	t = [ 22 18 12 ],	Φ = 9.4643e-005
1122.	N = 97,	t = [ 18 17 11 ],	Φ = 9.8528e-005
1123.	N = 113,	t = [ 21 19 13 ],	Φ = 1.0172e-004
1124.	N = 114,	t = [ 22 18 13 ],	Φ = 1.0754e-004
1125.	N = 75,	t = [ 15 13 8 ],	Φ = 1.1193e-004
1126.	N = 93,	t = [ 18 17 10 ],	Φ = 1.2951e-004
1127.	N = 87,	t = [ 16 15 10 ],	Φ = 1.4073e-004
1128.	N = 69,	t = [ 13 11 8 ],	Φ = 1.4699e-004
1129.	N = 85,	t = [ 17 15 9 ],	Φ = 1.4766e-004
1130.	N = 84,	t = [ 17 14 9 ],	Φ = 1.5206e-004
1131.	N = 43,	t = [ 8 7 5 ],	Φ = 1.5274e-004
1132.	N = 86,	t = [ 16 14 10 ],	Φ = 1.5274e-004
1133.	N = 95,	t = [ 18 15 11 ],	Φ = 1.5355e-004
1134.	N = 94,	t = [ 19 16 10 ],	Φ = 1.5419e-004
1135.	N = 66,	t = [ 13 12 7 ],	Φ = 1.6201e-004
1136.	N = 71,	t = [ 14 11 8 ],	Φ = 1.6369e-004
1137.	N = 104,	t = [ 21 18 11 ],	Φ = 1.6906e-004
1138.	N = 103,	t = [ 20 19 11 ],	Φ = 1.7177e-004
1139.	N = 74,	t = [ 15 12 8 ],	Φ = 1.7519e-004
1140.	N = 45,	t = [ 9 7 5 ],	Φ = 1.8660e-004
1141.	N = 60,	t = [ 11 10 7 ],	Φ = 1.9385e-004
1142.	N = 26,	t = [ 5 4 3 ],	Φ = 1.9863e-004
1143.	N = 52,	t = [ 10 8 6 ],	Φ = 1.9863e-004
1144.	N = 78,	t = [ 15 12 9 ],	Φ = 1.9863e-004
1145.	N = 27,	t = [ 5 5 3 ],	Φ = 2.1891e-004
1146.	N = 54,	t = [ 10 10 6 ],	Φ = 2.1891e-004
1147.	N = 76,	t = [ 15 14 8 ],	Φ = 2.2393e-004
1148.	N = 77,	t = [ 14 13 9 ],	Φ = 2.3289e-004
1149.	N = 64,	t = [ 12 12 7 ],	Φ = 2.3376e-004
1150.	N = 44,	t = [ 8 8 5 ],	Φ = 2.5705e-004
1151.	N = 37,	t = [ 7 7 4 ],	Φ = 2.6576e-004
1152.	N = 61,	t = [ 11 11 7 ],	Φ = 2.9651e-004
1153.	N = 47,	t = [ 9 9 5 ],	Φ = 3.3808e-004
1154.	N = 59,	t = [ 11 9 7 ],	Φ = 3.6550e-004
1155.	N = 29,	t = [ 6 5 3 ],	Φ = 3.7772e-004
1156.	N = 58,	t = [ 12 10 6 ],	Φ = 3.7772e-004
1157.	N = 68,	t = [ 14 12 7 ],	Φ = 3.8314e-004
1158.	N = 39,	t = [ 8 7 4 ],	Φ = 4.0277e-004
1159.	N = 57,	t = [ 11 11 6 ],	Φ = 4.0278e-004
1160.	N = 48,	t = [ 10 8 5 ],	Φ = 4.1093e-004
1161.	N = 67,	t = [ 12 11 8 ],	Φ = 4.1727e-004
1162.	N = 50,	t = [ 9 8 6 ],	Φ = 4.5041e-004
1163.	N = 49,	t = [ 10 9 5 ],	Φ = 4.5219e-004
1164.	N = 17,	t = [ 3 3 2 ],	Φ = 4.6287e-004
1165.	N = 34,	t = [ 6 6 4 ],	Φ = 4.6287e-004
1166.	N = 51,	t = [ 9 9 6 ],	Φ = 4.6287e-004
1167.	N = 35,	t = [ 7 5 4 ],	Φ = 5.2331e-004
1168.	N = 19,	t = [ 4 3 2 ],	Φ = 5.5310e-004
1169.	N = 38,	t = [ 8 6 4 ],	Φ = 5.5310e-004
1170.	N = 42,	t = [ 8 6 5 ],	Φ = 5.8993e-004
1171.	N = 33,	t = [ 6 5 4 ],	Φ = 5.9255e-004
1172.	N = 41,	t = [ 7 7 5 ],	Φ = 8.8147e-004

1173.	N =	10,	t = [ 2 2 1	],	Φ = 8.9459e-004
1174.	N =	20,	t = [ 4 4 2	],	Φ = 8.9459e-004
1175.	N =	30,	t = [ 6 6 3	],	Φ = 8.9459e-004
1176.	N =	40,	t = [ 8 8 4	],	Φ = 8.9459e-004
1177.	N =	28,	t = [ 6 4 3	],	Φ = 1.0498e-003
1178.	N =	24,	t = [ 4 4 3	],	Φ = 1.3015e-003
1179.	N =	16,	t = [ 3 2 2	],	Φ = 1.6689e-003
1180.	N =	32,	t = [ 6 4 4	],	Φ = 1.6689e-003
1181.	N =	25,	t = [ 5 3 3	],	Φ = 1.7079e-003
1182.	N =	31,	t = [ 7 5 3	],	Φ = 1.8809e-003
1183.	N =	23,	t = [ 4 3 3	],	Φ = 2.2284e-003
1184.	N =	22,	t = [ 5 4 2	],	Φ = 2.4945e-003
1185.	N =	9,	t = [ 2 1 1	],	Φ = 3.1158e-003
1186.	N =	18,	t = [ 4 2 2	],	Φ = 3.1158e-003
1187.	N =	21,	t = [ 5 3 2	],	Φ = 3.6280e-003
1188.	N =	7,	t = [ 1 1 1	],	Φ = 5.8050e-003
1189.	N =	14,	t = [ 2 2 2	],	Φ = 5.8050e-003
1190.	N =	12,	t = [ 3 2 1	],	Φ = 5.9418e-003
1191.	N =	13,	t = [ 3 3 1	],	Φ = 6.7367e-003
1192.	N =	15,	t = [ 4 3 1	],	Φ = 1.2018e-002
1193.	N =	11,	t = [ 3 1 1	],	Φ = 1.2933e-002

## 6. Συγκερασμοί τής κλίμακας [15/14-7/6-16/15-9/8...] - Μέχρι 100 κόμματα

Αὐτὴ ἢ νεανὲς κλίμακα εἶναι ἢ ἐξῆς<sup>8</sup>:

Nη - 15/14 - Πα - 7/6 - Βου - 16/15 - Γα - 9/8 - Δι - 15/14 - Κε - 7/6 - Ζω' - 16/15 - Νη',

Ἡ συγκερασμένη κλίμακα, δίνεται ὡς ἐξῆς:

Nη - t<sub>3</sub> - Πα - t<sub>1</sub> - Βου - t<sub>4</sub> - Γα - t<sub>2</sub> - Δι - t<sub>3</sub> - Κε - t<sub>1</sub> - Ζω' - t<sub>4</sub> - Νη',

ὅπου οἱ τιμὲς t<sub>1</sub>, t<sub>2</sub>, t<sub>3</sub>, t<sub>4</sub> δίνονται στὰ ἀντίστοιχα διανύσματα  $t = [t_1 \ t_2 \ t_3 \ t_4]$  στὸν παρακάτω πίνακα.

1.	N = 99,	t = [ 22 17 10 9 ],	Φ = 9.6788e-006
2.	N = 89,	t = [ 20 15 9 8 ],	Φ = 2.2365e-005
3.	N = 94,	t = [ 21 16 9 9 ],	Φ = 2.4808e-005
4.	N = 77,	t = [ 17 13 8 7 ],	Φ = 3.0449e-005
5.	N = 72,	t = [ 16 12 7 7 ],	Φ = 3.0920e-005
6.	N = 41,	t = [ 9 7 4 4 ],	Φ = 3.7252e-005
7.	N = 82,	t = [ 18 14 8 8 ],	Φ = 3.7252e-005
8.	N = 63,	t = [ 14 11 6 6 ],	Φ = 3.8663e-005
9.	N = 98,	t = [ 22 16 10 9 ],	Φ = 4.1311e-005
10.	N = 87,	t = [ 19 15 9 8 ],	Φ = 4.3049e-005
11.	N = 96,	t = [ 21 16 10 9 ],	Φ = 4.7931e-005
12.	N = 84,	t = [ 19 14 8 8 ],	Φ = 5.0632e-005
13.	N = 53,	t = [ 12 9 5 5 ],	Φ = 5.2562e-005
14.	N = 90,	t = [ 20 16 9 8 ],	Φ = 5.7396e-005
15.	N = 80,	t = [ 18 14 8 7 ],	Φ = 5.9131e-005
16.	N = 85,	t = [ 19 15 8 8 ],	Φ = 6.1235e-005
17.	N = 91,	t = [ 20 15 9 9 ],	Φ = 6.1871e-005
18.	N = 86,	t = [ 19 14 9 8 ],	Φ = 6.2567e-005
19.	N = 67,	t = [ 15 11 7 6 ],	Φ = 6.3728e-005
20.	N = 68,	t = [ 15 12 7 6 ],	Φ = 6.9132e-005
21.	N = 92,	t = [ 20 16 9 9 ],	Φ = 6.9919e-005
22.	N = 75,	t = [ 17 13 7 7 ],	Φ = 7.3353e-005
23.	N = 58,	t = [ 13 10 6 5 ],	Φ = 7.6536e-005
24.	N = 97,	t = [ 21 17 10 9 ],	Φ = 7.6769e-005
25.	N = 73,	t = [ 16 13 7 7 ],	Φ = 7.7266e-005
26.	N = 95,	t = [ 21 17 9 9 ],	Φ = 8.0373e-005
27.	N = 100,	t = [ 22 18 10 9 ],	Φ = 8.0415e-005
28.	N = 79,	t = [ 18 13 8 7 ],	Φ = 8.1928e-005
29.	N = 31,	t = [ 7 5 3 3 ],	Φ = 8.3463e-005
30.	N = 62,	t = [ 14 10 6 6 ],	Φ = 8.3463e-005
31.	N = 93,	t = [ 21 15 9 9 ],	Φ = 8.3463e-005
32.	N = 81,	t = [ 18 13 8 8 ],	Φ = 8.9539e-005
33.	N = 60,	t = [ 13 10 6 6 ],	Φ = 1.0155e-004
34.	N = 78,	t = [ 17 14 8 7 ],	Φ = 1.0421e-004
35.	N = 70,	t = [ 16 12 7 6 ],	Φ = 1.1125e-004
36.	N = 51,	t = [ 11 9 5 5 ],	Φ = 1.1385e-004
37.	N = 88,	t = [ 20 14 9 8 ],	Φ = 1.1566e-004
38.	N = 50,	t = [ 11 8 5 5 ],	Φ = 1.1936e-004
39.	N = 76,	t = [ 17 12 8 7 ],	Φ = 1.2689e-004

<sup>8</sup> Μιχαήλ Α. Χατζηθαθανασίου, Αἱ Βάσεις τῆς Βυζαντινῆς Μουσικῆς, Κωνσταντινούπολη 1948, σ. 49.

40.	N = 83,	t = [ 18 15 8 8 ],	Φ = 1.3389e-004
41.	N = 74,	t = [ 17 12 7 7 ],	Φ = 1.3647e-004
42.	N = 65,	t = [ 14 11 7 6 ],	Φ = 1.3872e-004
43.	N = 55,	t = [ 12 9 6 5 ],	Φ = 1.5373e-004
44.	N = 46,	t = [ 10 8 5 4 ],	Φ = 1.7665e-004
45.	N = 69,	t = [ 15 11 7 7 ],	Φ = 1.7974e-004
46.	N = 71,	t = [ 16 11 7 7 ],	Φ = 1.8077e-004
47.	N = 48,	t = [ 11 8 5 4 ],	Φ = 1.9426e-004
48.	N = 54,	t = [ 12 10 5 5 ],	Φ = 1.9636e-004
49.	N = 57,	t = [ 13 9 6 5 ],	Φ = 1.9758e-004
50.	N = 22,	t = [ 5 4 2 2 ],	Φ = 2.0486e-004
51.	N = 44,	t = [ 10 8 4 4 ],	Φ = 2.0486e-004
52.	N = 66,	t = [ 15 12 6 6 ],	Φ = 2.0486e-004
53.	N = 61,	t = [ 13 11 6 6 ],	Φ = 2.0992e-004
54.	N = 56,	t = [ 12 10 6 5 ],	Φ = 2.1132e-004
55.	N = 43,	t = [ 10 7 4 4 ],	Φ = 2.1350e-004
56.	N = 64,	t = [ 14 10 7 6 ],	Φ = 2.3792e-004
57.	N = 32,	t = [ 7 6 3 3 ],	Φ = 2.4466e-004
58.	N = 59,	t = [ 13 11 6 5 ],	Φ = 2.5447e-004
59.	N = 36,	t = [ 8 6 4 3 ],	Φ = 2.5926e-004
60.	N = 52,	t = [ 12 8 5 5 ],	Φ = 2.7052e-004
61.	N = 49,	t = [ 11 9 5 4 ],	Φ = 2.7160e-004
62.	N = 45,	t = [ 10 7 5 4 ],	Φ = 2.9276e-004
63.	N = 40,	t = [ 9 6 4 4 ],	Φ = 2.9941e-004
64.	N = 42,	t = [ 9 8 4 4 ],	Φ = 3.7126e-004
65.	N = 34,	t = [ 8 6 3 3 ],	Φ = 4.1148e-004
66.	N = 39,	t = [ 9 7 4 3 ],	Φ = 4.4167e-004
67.	N = 29,	t = [ 6 5 3 3 ],	Φ = 4.4911e-004
68.	N = 19,	t = [ 4 3 2 2 ],	Φ = 4.6912e-004
69.	N = 38,	t = [ 8 6 4 4 ],	Φ = 4.6912e-004
70.	N = 37,	t = [ 8 7 4 3 ],	Φ = 5.1679e-004
71.	N = 47,	t = [ 10 9 5 4 ],	Φ = 5.2903e-004
72.	N = 27,	t = [ 6 5 3 2 ],	Φ = 6.8311e-004
73.	N = 21,	t = [ 5 3 2 2 ],	Φ = 7.8855e-004
74.	N = 35,	t = [ 8 5 4 3 ],	Φ = 7.8934e-004
75.	N = 28,	t = [ 6 4 3 3 ],	Φ = 8.0431e-004
76.	N = 26,	t = [ 6 4 3 2 ],	Φ = 8.1117e-004
77.	N = 33,	t = [ 8 5 3 3 ],	Φ = 8.2254e-004
78.	N = 30,	t = [ 7 4 3 3 ],	Φ = 1.0040e-003
79.	N = 24,	t = [ 5 4 3 2 ],	Φ = 1.0943e-003
80.	N = 10,	t = [ 2 2 1 1 ],	Φ = 1.2597e-003
81.	N = 20,	t = [ 4 4 2 2 ],	Φ = 1.2597e-003
82.	N = 12,	t = [ 3 2 1 1 ],	Φ = 1.4127e-003
83.	N = 25,	t = [ 6 5 2 2 ],	Φ = 1.5736e-003
84.	N = 23,	t = [ 5 5 2 2 ],	Φ = 1.6628e-003
85.	N = 17,	t = [ 4 3 2 1 ],	Φ = 1.8673e-003
86.	N = 9,	t = [ 2 1 1 1 ],	Φ = 2.5274e-003
87.	N = 18,	t = [ 4 2 2 2 ],	Φ = 2.5274e-003
88.	N = 14,	t = [ 3 2 2 1 ],	Φ = 3.1625e-003
89.	N = 15,	t = [ 3 3 2 1 ],	Φ = 3.2479e-003
90.	N = 13,	t = [ 3 3 1 1 ],	Φ = 3.2793e-003
91.	N = 16,	t = [ 4 2 2 1 ],	Φ = 3.9368e-003
92.	N = 11,	t = [ 3 1 1 1 ],	Φ = 7.1136e-003
93.	N = 7,	t = [ 1 1 1 1 ],	Φ = 1.3203e-002

## 7. Συγκερασμοί τῆς κλίμακας [15/14-7/6-16/15-9/8...] - Μέχρι 1200 κόμματα

Αὐτὴ ἢ νεανὲς κλίμακα εἶναι ἡ ἑξῆς<sup>9</sup>:

Νη - 15/14 - Πα - 7/6 - Βου - 16/15 - Γα - 9/8 - Δι - 15/14 - Κε - 7/6 - Ζω' - 16/15 - Νη',

Ἡ συγκερασμένη κλίμακα, δίνεται ὡς ἑξῆς:

Νη -  $t_3$  - Πα -  $t_1$  - Βου -  $t_4$  - Γα -  $t_2$  - Δι -  $t_3$  - Κε -  $t_1$  - Ζω' -  $t_4$  - Νη',

ὅπου οἱ τιμὲς  $t_1, t_2, t_3, t_4$  δίνονται στὰ ἀντίστοιχα διανύσματα  $t = [t_1 t_2 t_3 t_4]$  στὸν παρακάτω πίνακα.

1.	N = 1106,	t = [ 246 188 110 103 ],	Φ = 1.0339e-008
2.	N = 935,	t = [ 208 159 93 87 ],	Φ = 2.5569e-008
3.	N = 913,	t = [ 203 155 91 85 ],	Φ = 3.8116e-008
4.	N = 1084,	t = [ 241 184 108 101 ],	Φ = 4.0929e-008
5.	N = 1065,	t = [ 237 181 106 99 ],	Φ = 5.2320e-008
6.	N = 612,	t = [ 136 104 61 57 ],	Φ = 5.9653e-008
7.	N = 976,	t = [ 217 166 97 91 ],	Φ = 6.2094e-008
8.	N = 783,	t = [ 174 133 78 73 ],	Φ = 6.3970e-008
9.	N = 742,	t = [ 165 126 74 69 ],	Φ = 6.5353e-008
10.	N = 1147,	t = [ 255 195 114 107 ],	Φ = 6.9216e-008
11.	N = 1075,	t = [ 239 183 107 100 ],	Φ = 7.1488e-008
12.	N = 805,	t = [ 179 137 80 75 ],	Φ = 7.3721e-008
13.	N = 1183,	t = [ 263 201 118 110 ],	Φ = 7.4008e-008
14.	N = 1053,	t = [ 234 179 105 98 ],	Φ = 7.7935e-008
15.	N = 1043,	t = [ 232 177 104 97 ],	Φ = 7.9726e-008
16.	N = 1137,	t = [ 253 193 113 106 ],	Φ = 8.0074e-008
17.	N = 954,	t = [ 212 162 95 89 ],	Φ = 8.4197e-008
18.	N = 966,	t = [ 215 164 96 90 ],	Φ = 8.5014e-008
19.	N = 764,	t = [ 170 130 76 71 ],	Φ = 9.0097e-008
20.	N = 1125,	t = [ 250 191 112 105 ],	Φ = 1.0633e-007
21.	N = 1096,	t = [ 244 186 109 102 ],	Φ = 1.1077e-007
22.	N = 1195,	t = [ 266 203 119 111 ],	Φ = 1.1116e-007
23.	N = 1116,	t = [ 248 190 111 104 ],	Φ = 1.1550e-007
24.	N = 795,	t = [ 177 135 79 74 ],	Φ = 1.1974e-007
25.	N = 836,	t = [ 186 142 83 78 ],	Φ = 1.2594e-007
26.	N = 1094,	t = [ 243 186 109 102 ],	Φ = 1.3009e-007
27.	N = 1007,	t = [ 224 171 100 94 ],	Φ = 1.3145e-007
28.	N = 441,	t = [ 98 75 44 41 ],	Φ = 1.3368e-007
29.	N = 882,	t = [ 196 150 88 82 ],	Φ = 1.3368e-007
30.	N = 472,	t = [ 105 80 47 44 ],	Φ = 1.3506e-007
31.	N = 944,	t = [ 210 160 94 88 ],	Φ = 1.3506e-007
32.	N = 1034,	t = [ 230 176 103 96 ],	Φ = 1.3699e-007
33.	N = 1115,	t = [ 248 189 111 104 ],	Φ = 1.3720e-007
34.	N = 1128,	t = [ 251 192 112 105 ],	Φ = 1.3769e-007
35.	N = 894,	t = [ 199 152 89 83 ],	Φ = 1.3846e-007
36.	N = 1012,	t = [ 225 172 101 94 ],	Φ = 1.3887e-007
37.	N = 634,	t = [ 141 108 63 59 ],	Φ = 1.4164e-007
38.	N = 665,	t = [ 148 113 66 62 ],	Φ = 1.4309e-007
39.	N = 1178,	t = [ 262 200 117 110 ],	Φ = 1.4348e-007

<sup>9</sup> Μιχαήλ Α. Χατζηθαθανασίου, Αἱ Βάσεις τῆς Βυζαντινῆς Μουσικῆς, Κωνσταντινούπολη 1948, σ. 49.



40.	N = 643,	t = [ 143 109 64 60 ],	Φ = 1.4592e-007
41.	N = 872,	t = [ 194 148 87 81 ],	Φ = 1.4732e-007
42.	N = 1173,	t = [ 261 199 117 109 ],	Φ = 1.4833e-007
43.	N = 773,	t = [ 172 131 77 72 ],	Φ = 1.5175e-007
44.	N = 904,	t = [ 201 154 90 84 ],	Φ = 1.5445e-007
45.	N = 923,	t = [ 205 157 92 86 ],	Φ = 1.5454e-007
46.	N = 945,	t = [ 210 161 94 88 ],	Φ = 1.6333e-007
47.	N = 1074,	t = [ 239 182 107 100 ],	Φ = 1.6647e-007
48.	N = 814,	t = [ 181 138 81 76 ],	Φ = 1.6768e-007
49.	N = 1164,	t = [ 259 198 116 108 ],	Φ = 1.6910e-007
50.	N = 1159,	t = [ 258 197 115 108 ],	Φ = 1.7451e-007
51.	N = 925,	t = [ 206 157 92 86 ],	Φ = 1.7588e-007
52.	N = 1193,	t = [ 265 203 119 111 ],	Φ = 1.7890e-007
53.	N = 1169,	t = [ 260 199 116 109 ],	Φ = 1.7967e-007
54.	N = 571,	t = [ 127 97 57 53 ],	Φ = 1.8622e-007
55.	N = 1142,	t = [ 254 194 114 106 ],	Φ = 1.8622e-007
56.	N = 985,	t = [ 219 167 98 92 ],	Φ = 1.8801e-007
57.	N = 1087,	t = [ 242 185 108 101 ],	Φ = 1.9463e-007
58.	N = 1156,	t = [ 257 196 115 108 ],	Φ = 2.0522e-007
59.	N = 1188,	t = [ 264 202 118 111 ],	Φ = 2.0874e-007
60.	N = 1017,	t = [ 226 173 101 95 ],	Φ = 2.1374e-007
61.	N = 1174,	t = [ 261 200 117 109 ],	Φ = 2.1466e-007
62.	N = 1152,	t = [ 256 196 115 107 ],	Φ = 2.1551e-007
63.	N = 1118,	t = [ 249 190 111 104 ],	Φ = 2.1765e-007
64.	N = 1024,	t = [ 228 174 102 95 ],	Φ = 2.2043e-007
65.	N = 1200,	t = [ 267 204 119 112 ],	Φ = 2.2355e-007
66.	N = 301,	t = [ 67 51 30 28 ],	Φ = 2.2496e-007
67.	N = 602,	t = [ 134 102 60 56 ],	Φ = 2.2496e-007
68.	N = 903,	t = [ 201 153 90 84 ],	Φ = 2.2496e-007
69.	N = 752,	t = [ 167 128 75 70 ],	Φ = 2.2661e-007
70.	N = 1097,	t = [ 244 187 109 102 ],	Φ = 2.3006e-007
71.	N = 957,	t = [ 213 163 95 89 ],	Φ = 2.3033e-007
72.	N = 1192,	t = [ 265 202 119 111 ],	Φ = 2.3461e-007
73.	N = 846,	t = [ 188 144 84 79 ],	Φ = 2.3482e-007
74.	N = 624,	t = [ 139 106 62 58 ],	Φ = 2.3771e-007
75.	N = 1161,	t = [ 258 197 116 108 ],	Φ = 2.3992e-007
76.	N = 998,	t = [ 222 170 99 93 ],	Φ = 2.4063e-007
77.	N = 494,	t = [ 110 84 49 46 ],	Φ = 2.4204e-007
78.	N = 988,	t = [ 220 168 98 92 ],	Φ = 2.4204e-007
79.	N = 1157,	t = [ 257 197 115 108 ],	Φ = 2.4667e-007
80.	N = 824,	t = [ 183 140 82 77 ],	Φ = 2.4680e-007
81.	N = 995,	t = [ 221 169 99 93 ],	Φ = 2.4909e-007
82.	N = 1002,	t = [ 223 170 100 93 ],	Φ = 2.4947e-007
83.	N = 1062,	t = [ 236 180 106 99 ],	Φ = 2.4961e-007
84.	N = 1166,	t = [ 259 198 116 109 ],	Φ = 2.5463e-007
85.	N = 1138,	t = [ 253 194 113 106 ],	Φ = 2.5485e-007
86.	N = 653,	t = [ 145 111 65 61 ],	Φ = 2.5579e-007
87.	N = 1055,	t = [ 235 179 105 98 ],	Φ = 2.5849e-007
88.	N = 1168,	t = [ 260 198 116 109 ],	Φ = 2.6036e-007
89.	N = 1029,	t = [ 229 175 102 96 ],	Φ = 2.6646e-007
90.	N = 1031,	t = [ 229 175 103 96 ],	Φ = 2.7117e-007
91.	N = 1135,	t = [ 252 193 113 106 ],	Φ = 2.7176e-007
92.	N = 1022,	t = [ 227 174 102 95 ],	Φ = 2.7341e-007
93.	N = 711,	t = [ 158 121 71 66 ],	Φ = 2.8108e-007
94.	N = 774,	t = [ 172 132 77 72 ],	Φ = 2.8109e-007
95.	N = 1048,	t = [ 233 178 104 98 ],	Φ = 2.8444e-007
96.	N = 841,	t = [ 187 143 84 78 ],	Φ = 2.8476e-007
97.	N = 1044,	t = [ 232 178 104 97 ],	Φ = 2.8759e-007
98.	N = 1127,	t = [ 251 191 112 105 ],	Φ = 2.8939e-007
99.	N = 877,	t = [ 195 149 87 82 ],	Φ = 2.9319e-007
100.	N = 593,	t = [ 132 101 59 55 ],	Φ = 2.9391e-007
101.	N = 1186,	t = [ 264 202 118 110 ],	Φ = 2.9391e-007
102.	N = 675,	t = [ 150 115 67 63 ],	Φ = 2.9763e-007

103.	N = 1063,	t = [ 236 181 106 99 ],	Φ = 2.9882e-007
104.	N = 986,	t = [ 219 168 98 92 ],	Φ = 2.9889e-007
105.	N = 997,	t = [ 222 169 99 93 ],	Φ = 2.9891e-007
106.	N = 1021,	t = [ 227 173 102 95 ],	Φ = 2.9940e-007
107.	N = 891,	t = [ 198 151 89 83 ],	Φ = 3.0128e-007
108.	N = 1085,	t = [ 241 185 108 101 ],	Φ = 3.0370e-007
109.	N = 482,	t = [ 107 82 48 45 ],	Φ = 3.0607e-007
110.	N = 964,	t = [ 214 164 96 90 ],	Φ = 3.0607e-007
111.	N = 1103,	t = [ 245 187 110 103 ],	Φ = 3.0910e-007
112.	N = 1154,	t = [ 257 196 115 107 ],	Φ = 3.1089e-007
113.	N = 863,	t = [ 192 147 86 80 ],	Φ = 3.1106e-007
114.	N = 1056,	t = [ 235 180 105 98 ],	Φ = 3.1275e-007
115.	N = 1033,	t = [ 230 175 103 96 ],	Φ = 3.1731e-007
116.	N = 1072,	t = [ 238 182 107 100 ],	Φ = 3.1810e-007
117.	N = 706,	t = [ 157 120 70 66 ],	Φ = 3.1925e-007
118.	N = 1190,	t = [ 265 202 118 111 ],	Φ = 3.2094e-007
119.	N = 701,	t = [ 156 119 70 65 ],	Φ = 3.2120e-007
120.	N = 1171,	t = [ 260 199 117 109 ],	Φ = 3.2878e-007
121.	N = 754,	t = [ 168 128 75 70 ],	Φ = 3.3149e-007
122.	N = 932,	t = [ 207 158 93 87 ],	Φ = 3.3626e-007
123.	N = 1151,	t = [ 256 195 115 107 ],	Φ = 3.3774e-007
124.	N = 993,	t = [ 221 169 99 92 ],	Φ = 3.4013e-007
125.	N = 1038,	t = [ 231 176 103 97 ],	Φ = 3.4179e-007
126.	N = 971,	t = [ 216 165 97 90 ],	Φ = 3.4271e-007
127.	N = 990,	t = [ 220 168 99 92 ],	Φ = 3.4286e-007
128.	N = 1146,	t = [ 255 194 114 107 ],	Φ = 3.4555e-007
129.	N = 1185,	t = [ 264 201 118 110 ],	Φ = 3.4705e-007
130.	N = 723,	t = [ 161 123 72 67 ],	Φ = 3.4912e-007
131.	N = 171,	t = [ 38 29 17 16 ],	Φ = 3.5111e-007
132.	N = 342,	t = [ 76 58 34 32 ],	Φ = 3.5111e-007
133.	N = 513,	t = [ 114 87 51 48 ],	Φ = 3.5111e-007
134.	N = 684,	t = [ 152 116 68 64 ],	Φ = 3.5111e-007
135.	N = 855,	t = [ 190 145 85 80 ],	Φ = 3.5111e-007
136.	N = 1026,	t = [ 228 174 102 96 ],	Φ = 3.5111e-007
137.	N = 1197,	t = [ 266 203 119 112 ],	Φ = 3.5111e-007
138.	N = 947,	t = [ 211 161 94 88 ],	Φ = 3.5182e-007
139.	N = 1132,	t = [ 252 192 113 105 ],	Φ = 3.5220e-007
140.	N = 1196,	t = [ 266 204 119 111 ],	Φ = 3.5222e-007
141.	N = 733,	t = [ 163 125 73 68 ],	Φ = 3.5431e-007
142.	N = 858,	t = [ 191 146 85 80 ],	Φ = 3.5711e-007
143.	N = 1111,	t = [ 247 189 111 103 ],	Φ = 3.5846e-007
144.	N = 1133,	t = [ 252 193 113 105 ],	Φ = 3.5860e-007
145.	N = 1149,	t = [ 256 195 114 107 ],	Φ = 3.5976e-007
146.	N = 1120,	t = [ 249 190 112 104 ],	Φ = 3.6245e-007
147.	N = 1039,	t = [ 231 177 103 97 ],	Φ = 3.6452e-007
148.	N = 1093,	t = [ 243 185 109 102 ],	Φ = 3.6458e-007
149.	N = 732,	t = [ 163 124 73 68 ],	Φ = 3.6461e-007
150.	N = 1179,	t = [ 262 201 117 110 ],	Φ = 3.6569e-007
151.	N = 916,	t = [ 204 156 91 85 ],	Φ = 3.6627e-007
152.	N = 1130,	t = [ 251 192 113 105 ],	Φ = 3.7137e-007
153.	N = 827,	t = [ 184 141 82 77 ],	Φ = 3.7188e-007
154.	N = 981,	t = [ 218 167 98 91 ],	Φ = 3.7257e-007
155.	N = 1046,	t = [ 233 178 104 97 ],	Φ = 3.7457e-007
156.	N = 1077,	t = [ 240 183 107 100 ],	Φ = 3.7484e-007
157.	N = 1105,	t = [ 246 187 110 103 ],	Φ = 3.7515e-007
158.	N = 860,	t = [ 191 146 86 80 ],	Φ = 3.7832e-007
159.	N = 826,	t = [ 184 140 82 77 ],	Φ = 3.8046e-007
160.	N = 793,	t = [ 176 135 79 74 ],	Φ = 3.8053e-007
161.	N = 967,	t = [ 215 165 96 90 ],	Φ = 3.8296e-007
162.	N = 956,	t = [ 213 162 95 89 ],	Φ = 3.8418e-007
163.	N = 867,	t = [ 193 147 86 81 ],	Φ = 3.8459e-007
164.	N = 817,	t = [ 182 139 81 76 ],	Φ = 3.8749e-007
165.	N = 901,	t = [ 200 153 90 84 ],	Φ = 3.8863e-007

166.	N = 975,	t = [ 217 165 97 91 ],	Φ = 3.8890e-007
167.	N = 1003,	t = [ 223 171 100 93 ],	Φ = 3.9210e-007
168.	N = 761,	t = [ 169 129 76 71 ],	Φ = 3.9483e-007
169.	N = 535,	t = [ 119 91 53 50 ],	Φ = 3.9579e-007
170.	N = 1070,	t = [ 238 182 106 100 ],	Φ = 3.9579e-007
171.	N = 1123,	t = [ 250 191 112 104 ],	Φ = 3.9767e-007
172.	N = 1181,	t = [ 263 201 117 110 ],	Φ = 4.0386e-007
173.	N = 463,	t = [ 103 79 46 43 ],	Φ = 4.0412e-007
174.	N = 926,	t = [ 206 158 92 86 ],	Φ = 4.0412e-007
175.	N = 1150,	t = [ 256 196 114 107 ],	Φ = 4.0511e-007
176.	N = 1052,	t = [ 234 178 105 98 ],	Φ = 4.0565e-007
177.	N = 1019,	t = [ 227 173 101 95 ],	Φ = 4.0683e-007
178.	N = 1187,	t = [ 264 201 118 111 ],	Φ = 4.0788e-007
179.	N = 815,	t = [ 181 139 81 76 ],	Φ = 4.0876e-007
180.	N = 1163,	t = [ 259 197 116 108 ],	Φ = 4.1119e-007
181.	N = 1126,	t = [ 250 192 112 105 ],	Φ = 4.1540e-007
182.	N = 1176,	t = [ 262 200 117 109 ],	Φ = 4.1558e-007
183.	N = 1101,	t = [ 245 187 110 102 ],	Φ = 4.1844e-007
184.	N = 720,	t = [ 160 122 72 67 ],	Φ = 4.1933e-007
185.	N = 1191,	t = [ 265 203 118 111 ],	Φ = 4.2159e-007
186.	N = 1104,	t = [ 245 188 110 103 ],	Φ = 4.2241e-007
187.	N = 922,	t = [ 205 156 92 86 ],	Φ = 4.2268e-007
188.	N = 1134,	t = [ 252 192 113 106 ],	Φ = 4.2560e-007
189.	N = 1086,	t = [ 242 184 108 101 ],	Φ = 4.2824e-007
190.	N = 581,	t = [ 129 99 58 54 ],	Φ = 4.3009e-007
191.	N = 1162,	t = [ 258 198 116 108 ],	Φ = 4.3009e-007
192.	N = 1182,	t = [ 263 200 118 110 ],	Φ = 4.3014e-007
193.	N = 850,	t = [ 189 144 85 79 ],	Φ = 4.3099e-007
194.	N = 1060,	t = [ 236 180 105 99 ],	Φ = 4.3206e-007
195.	N = 786,	t = [ 175 134 78 73 ],	Φ = 4.3256e-007
196.	N = 1016,	t = [ 226 172 101 95 ],	Φ = 4.3493e-007
197.	N = 892,	t = [ 198 152 89 83 ],	Φ = 4.3678e-007
198.	N = 1184,	t = [ 263 202 118 110 ],	Φ = 4.3819e-007
199.	N = 884,	t = [ 197 150 88 82 ],	Φ = 4.4373e-007
200.	N = 853,	t = [ 190 145 85 79 ],	Φ = 4.4536e-007
201.	N = 1198,	t = [ 266 204 119 112 ],	Φ = 4.4709e-007
202.	N = 1058,	t = [ 235 180 105 99 ],	Φ = 4.5393e-007
203.	N = 1144,	t = [ 254 194 114 107 ],	Φ = 4.5518e-007
204.	N = 1000,	t = [ 222 170 100 93 ],	Φ = 4.5576e-007
205.	N = 1113,	t = [ 247 189 111 104 ],	Φ = 4.5851e-007
206.	N = 831,	t = [ 185 141 83 77 ],	Φ = 4.5957e-007
207.	N = 963,	t = [ 214 163 96 90 ],	Φ = 4.6307e-007
208.	N = 851,	t = [ 189 145 85 79 ],	Φ = 4.6541e-007
209.	N = 1140,	t = [ 254 194 113 106 ],	Φ = 4.6862e-007
210.	N = 1107,	t = [ 246 189 110 103 ],	Φ = 4.6960e-007
211.	N = 914,	t = [ 203 156 91 85 ],	Φ = 4.7098e-007
212.	N = 804,	t = [ 179 136 80 75 ],	Φ = 4.7358e-007
213.	N = 1066,	t = [ 237 182 106 99 ],	Φ = 4.7471e-007
214.	N = 696,	t = [ 155 118 69 65 ],	Φ = 4.7574e-007
215.	N = 1041,	t = [ 231 177 104 97 ],	Φ = 4.7602e-007
216.	N = 934,	t = [ 208 158 93 87 ],	Φ = 4.7640e-007
217.	N = 845,	t = [ 188 143 84 79 ],	Φ = 4.8143e-007
218.	N = 1079,	t = [ 240 183 107 101 ],	Φ = 4.8492e-007
219.	N = 899,	t = [ 200 153 89 84 ],	Φ = 4.8536e-007
220.	N = 868,	t = [ 193 148 86 81 ],	Φ = 4.8652e-007
221.	N = 1109,	t = [ 247 189 110 103 ],	Φ = 4.8673e-007
222.	N = 504,	t = [ 112 86 50 47 ],	Φ = 4.8695e-007
223.	N = 1008,	t = [ 224 172 100 94 ],	Φ = 4.8695e-007
224.	N = 980,	t = [ 218 166 98 91 ],	Φ = 4.8709e-007
225.	N = 973,	t = [ 216 165 97 91 ],	Φ = 4.9657e-007
226.	N = 431,	t = [ 96 73 43 40 ],	Φ = 5.0013e-007
227.	N = 862,	t = [ 192 146 86 80 ],	Φ = 5.0013e-007
228.	N = 1121,	t = [ 249 191 112 104 ],	Φ = 5.0076e-007

229.	N = 1036,	t = [ 230 176 103 97 ],	Φ = 5.0473e-007
230.	N = 1108,	t = [ 247 188 110 103 ],	Φ = 5.0550e-007
231.	N = 978,	t = [ 218 166 97 91 ],	Φ = 5.0660e-007
232.	N = 1155,	t = [ 257 197 115 107 ],	Φ = 5.0698e-007
233.	N = 873,	t = [ 194 149 87 81 ],	Φ = 5.1302e-007
234.	N = 1143,	t = [ 254 195 114 106 ],	Φ = 5.1349e-007
235.	N = 1064,	t = [ 237 180 106 99 ],	Φ = 5.1893e-007
236.	N = 1089,	t = [ 242 185 108 102 ],	Φ = 5.1999e-007
237.	N = 887,	t = [ 197 151 88 83 ],	Φ = 5.2555e-007
238.	N = 1145,	t = [ 255 195 114 106 ],	Φ = 5.2925e-007
239.	N = 792,	t = [ 176 134 79 74 ],	Φ = 5.2945e-007
240.	N = 1015,	t = [ 226 173 101 94 ],	Φ = 5.2972e-007
241.	N = 1160,	t = [ 258 198 115 108 ],	Φ = 5.3082e-007
242.	N = 1027,	t = [ 228 175 102 96 ],	Φ = 5.3134e-007
243.	N = 590,	t = [ 131 100 59 55 ],	Φ = 5.3365e-007
244.	N = 1180,	t = [ 262 200 118 110 ],	Φ = 5.3365e-007
245.	N = 881,	t = [ 196 149 88 82 ],	Φ = 5.3380e-007
246.	N = 1199,	t = [ 267 203 119 112 ],	Φ = 5.3397e-007
247.	N = 1119,	t = [ 249 191 111 104 ],	Φ = 5.3440e-007
248.	N = 730,	t = [ 162 124 73 68 ],	Φ = 5.3662e-007
249.	N = 942,	t = [ 209 160 94 88 ],	Φ = 5.3674e-007
250.	N = 908,	t = [ 202 154 90 85 ],	Φ = 5.3824e-007
251.	N = 751,	t = [ 167 127 75 70 ],	Φ = 5.3831e-007
252.	N = 983,	t = [ 219 167 98 91 ],	Φ = 5.4642e-007
253.	N = 889,	t = [ 198 151 88 83 ],	Φ = 5.4702e-007
254.	N = 819,	t = [ 182 139 82 76 ],	Φ = 5.5044e-007
255.	N = 1014,	t = [ 226 172 101 94 ],	Φ = 5.5190e-007
256.	N = 311,	t = [ 69 53 31 29 ],	Φ = 5.5497e-007
257.	N = 622,	t = [ 138 106 62 58 ],	Φ = 5.5497e-007
258.	N = 933,	t = [ 207 159 93 87 ],	Φ = 5.5497e-007
259.	N = 1005,	t = [ 223 171 100 94 ],	Φ = 5.5673e-007
260.	N = 1110,	t = [ 247 188 111 103 ],	Φ = 5.5727e-007
261.	N = 1148,	t = [ 255 196 114 107 ],	Φ = 5.5890e-007
262.	N = 687,	t = [ 153 117 68 64 ],	Φ = 5.5975e-007
263.	N = 865,	t = [ 192 147 86 81 ],	Φ = 5.6275e-007
264.	N = 949,	t = [ 211 161 95 88 ],	Φ = 5.6508e-007
265.	N = 655,	t = [ 146 111 65 61 ],	Φ = 5.6543e-007
266.	N = 959,	t = [ 213 163 96 89 ],	Φ = 5.6622e-007
267.	N = 802,	t = [ 178 136 80 75 ],	Φ = 5.6756e-007
268.	N = 1175,	t = [ 261 199 117 110 ],	Φ = 5.6801e-007
269.	N = 1158,	t = [ 258 196 115 108 ],	Φ = 5.6887e-007
270.	N = 1051,	t = [ 234 179 104 98 ],	Φ = 5.6938e-007
271.	N = 674,	t = [ 150 114 67 63 ],	Φ = 5.7032e-007
272.	N = 955,	t = [ 212 163 95 89 ],	Φ = 5.7126e-007
273.	N = 1139,	t = [ 253 193 114 106 ],	Φ = 5.7134e-007
274.	N = 848,	t = [ 189 144 84 79 ],	Φ = 5.7145e-007
275.	N = 1170,	t = [ 260 198 117 109 ],	Φ = 5.7178e-007
276.	N = 1011,	t = [ 225 171 101 94 ],	Φ = 5.7472e-007
277.	N = 1194,	t = [ 266 202 119 111 ],	Φ = 5.7642e-007
278.	N = 785,	t = [ 175 133 78 73 ],	Φ = 5.7644e-007
279.	N = 1080,	t = [ 240 184 107 101 ],	Φ = 5.7654e-007
280.	N = 918,	t = [ 204 156 91 86 ],	Φ = 5.7922e-007
281.	N = 1010,	t = [ 225 172 100 94 ],	Φ = 5.7953e-007
282.	N = 603,	t = [ 134 103 60 56 ],	Φ = 5.8164e-007
283.	N = 961,	t = [ 214 163 96 89 ],	Φ = 5.8394e-007
284.	N = 1057,	t = [ 235 179 105 99 ],	Φ = 5.8481e-007
285.	N = 885,	t = [ 197 151 88 82 ],	Φ = 5.8734e-007
286.	N = 1124,	t = [ 250 190 112 105 ],	Φ = 5.9389e-007
287.	N = 1020,	t = [ 227 174 101 95 ],	Φ = 5.9420e-007
288.	N = 1025,	t = [ 228 175 102 95 ],	Φ = 5.9818e-007
289.	N = 1082,	t = [ 240 184 108 101 ],	Φ = 5.9882e-007
290.	N = 1067,	t = [ 237 181 106 100 ],	Φ = 5.9900e-007
291.	N = 1167,	t = [ 259 199 116 109 ],	Φ = 6.0280e-007

292.	N = 689,	t = [ 153 117 69 64 ],	Φ = 6.1490e-007
293.	N = 1004,	t = [ 223 170 100 94 ],	Φ = 6.1975e-007
294.	N = 992,	t = [ 221 168 99 92 ],	Φ = 6.2016e-007
295.	N = 979,	t = [ 218 167 97 91 ],	Φ = 6.2348e-007
296.	N = 670,	t = [ 149 114 67 62 ],	Φ = 6.2619e-007
297.	N = 1092,	t = [ 243 186 109 101 ],	Φ = 6.2882e-007
298.	N = 940,	t = [ 209 160 94 87 ],	Φ = 6.2991e-007
299.	N = 776,	t = [ 173 132 77 72 ],	Φ = 6.3025e-007
300.	N = 1141,	t = [ 254 193 114 106 ],	Φ = 6.3213e-007
301.	N = 737,	t = [ 164 125 73 69 ],	Φ = 6.3238e-007
302.	N = 453,	t = [ 101 77 45 42 ],	Φ = 6.3335e-007
303.	N = 906,	t = [ 202 154 90 84 ],	Φ = 6.3335e-007
304.	N = 915,	t = [ 204 155 91 85 ],	Φ = 6.3335e-007
305.	N = 1083,	t = [ 241 183 108 101 ],	Φ = 6.3644e-007
306.	N = 1032,	t = [ 229 176 103 96 ],	Φ = 6.3895e-007
307.	N = 1028,	t = [ 229 174 102 96 ],	Φ = 6.3937e-007
308.	N = 796,	t = [ 177 136 79 74 ],	Φ = 6.4191e-007
309.	N = 1078,	t = [ 240 184 107 100 ],	Φ = 6.4464e-007
310.	N = 886,	t = [ 197 150 88 83 ],	Φ = 6.4528e-007
311.	N = 1099,	t = [ 245 187 109 102 ],	Φ = 6.4569e-007
312.	N = 1165,	t = [ 259 197 116 109 ],	Φ = 6.4786e-007
313.	N = 1177,	t = [ 262 199 117 110 ],	Φ = 6.4807e-007
314.	N = 962,	t = [ 214 164 96 89 ],	Φ = 6.4887e-007
315.	N = 633,	t = [ 141 107 63 59 ],	Φ = 6.5659e-007
316.	N = 896,	t = [ 199 152 89 84 ],	Φ = 6.5692e-007
317.	N = 991,	t = [ 220 169 99 92 ],	Φ = 6.5737e-007
318.	N = 644,	t = [ 143 110 64 60 ],	Φ = 6.5824e-007
319.	N = 1054,	t = [ 234 180 105 98 ],	Φ = 6.5902e-007
320.	N = 1040,	t = [ 231 176 104 97 ],	Φ = 6.5912e-007
321.	N = 870,	t = [ 193 148 87 81 ],	Φ = 6.6019e-007
322.	N = 621,	t = [ 138 105 62 58 ],	Φ = 6.6204e-007
323.	N = 716,	t = [ 159 122 71 67 ],	Φ = 6.6205e-007
324.	N = 400,	t = [ 89 68 40 37 ],	Φ = 6.6231e-007
325.	N = 800,	t = [ 178 136 80 74 ],	Φ = 6.6231e-007
326.	N = 364,	t = [ 81 62 36 34 ],	Φ = 6.6404e-007
327.	N = 728,	t = [ 162 124 72 68 ],	Φ = 6.6404e-007
328.	N = 694,	t = [ 154 118 69 65 ],	Φ = 6.6633e-007
329.	N = 1069,	t = [ 238 181 106 100 ],	Φ = 6.6856e-007
330.	N = 930,	t = [ 207 158 92 87 ],	Φ = 6.6929e-007
331.	N = 656,	t = [ 146 112 65 61 ],	Φ = 6.7288e-007
332.	N = 1009,	t = [ 224 171 101 94 ],	Φ = 6.7586e-007
333.	N = 763,	t = [ 170 129 76 71 ],	Φ = 6.7618e-007
334.	N = 1061,	t = [ 236 181 105 99 ],	Φ = 6.7863e-007
335.	N = 747,	t = [ 166 127 74 70 ],	Φ = 6.8121e-007
336.	N = 771,	t = [ 171 131 77 72 ],	Φ = 6.8152e-007
337.	N = 856,	t = [ 190 146 85 80 ],	Φ = 6.8200e-007
338.	N = 834,	t = [ 185 142 83 78 ],	Φ = 6.8371e-007
339.	N = 822,	t = [ 183 140 82 76 ],	Φ = 6.8399e-007
340.	N = 1136,	t = [ 253 192 113 106 ],	Φ = 6.8567e-007
341.	N = 1013,	t = [ 225 173 101 94 ],	Φ = 6.8723e-007
342.	N = 1049,	t = [ 233 179 104 98 ],	Φ = 6.8752e-007
343.	N = 270,	t = [ 60 46 27 25 ],	Φ = 6.8834e-007
344.	N = 540,	t = [ 120 92 54 50 ],	Φ = 6.8834e-007
345.	N = 810,	t = [ 180 138 81 75 ],	Φ = 6.8834e-007
346.	N = 1068,	t = [ 238 182 106 99 ],	Φ = 6.8958e-007
347.	N = 875,	t = [ 195 149 87 81 ],	Φ = 6.9065e-007
348.	N = 1091,	t = [ 243 185 109 101 ],	Φ = 6.9195e-007
349.	N = 1129,	t = [ 251 191 113 105 ],	Φ = 6.9725e-007
350.	N = 1081,	t = [ 240 183 108 101 ],	Φ = 6.9784e-007
351.	N = 525,	t = [ 117 89 52 49 ],	Φ = 6.9789e-007
352.	N = 1050,	t = [ 234 178 104 98 ],	Φ = 6.9789e-007
353.	N = 833,	t = [ 185 141 83 78 ],	Φ = 7.0004e-007
354.	N = 829,	t = [ 184 141 83 77 ],	Φ = 7.0023e-007

355.	N = 1102,	t = [ 245 188 110 102 ],	Φ = 7.0195e-007
356.	N = 1045,	t = [ 233 177 104 97 ],	Φ = 7.0301e-007
357.	N = 692,	t = [ 154 118 69 64 ],	Φ = 7.0455e-007
358.	N = 631,	t = [ 140 107 63 59 ],	Φ = 7.0456e-007
359.	N = 953,	t = [ 212 161 95 89 ],	Φ = 7.0486e-007
360.	N = 1117,	t = [ 249 189 111 104 ],	Φ = 7.0786e-007
361.	N = 837,	t = [ 186 143 83 78 ],	Φ = 7.1625e-007
362.	N = 952,	t = [ 212 162 95 88 ],	Φ = 7.1649e-007
363.	N = 549,	t = [ 122 93 55 51 ],	Φ = 7.1704e-007
364.	N = 1098,	t = [ 244 186 110 102 ],	Φ = 7.1704e-007
365.	N = 679,	t = [ 151 115 68 63 ],	Φ = 7.1839e-007
366.	N = 323,	t = [ 72 55 32 30 ],	Φ = 7.2264e-007
367.	N = 646,	t = [ 144 110 64 60 ],	Φ = 7.2264e-007
368.	N = 969,	t = [ 216 165 96 90 ],	Φ = 7.2264e-007
369.	N = 1189,	t = [ 264 203 118 111 ],	Φ = 7.2347e-007
370.	N = 561,	t = [ 125 95 56 52 ],	Φ = 7.2392e-007
371.	N = 1122,	t = [ 250 190 112 104 ],	Φ = 7.2392e-007
372.	N = 583,	t = [ 130 99 58 54 ],	Φ = 7.2656e-007
373.	N = 721,	t = [ 160 123 72 67 ],	Φ = 7.2704e-007
374.	N = 936,	t = [ 208 160 93 87 ],	Φ = 7.2765e-007
375.	N = 1073,	t = [ 238 183 107 100 ],	Φ = 7.3000e-007
376.	N = 745,	t = [ 166 127 74 69 ],	Φ = 7.3007e-007
377.	N = 909,	t = [ 202 155 90 85 ],	Φ = 7.3086e-007
378.	N = 987,	t = [ 220 167 98 92 ],	Φ = 7.3141e-007
379.	N = 893,	t = [ 199 151 89 83 ],	Φ = 7.3562e-007
380.	N = 994,	t = [ 221 168 99 93 ],	Φ = 7.3633e-007
381.	N = 999,	t = [ 222 169 100 93 ],	Φ = 7.3693e-007
382.	N = 1095,	t = [ 243 187 109 102 ],	Φ = 7.3734e-007
383.	N = 697,	t = [ 155 119 69 65 ],	Φ = 7.4136e-007
384.	N = 832,	t = [ 185 142 83 77 ],	Φ = 7.4190e-007
385.	N = 715,	t = [ 159 121 71 67 ],	Φ = 7.4378e-007
386.	N = 725,	t = [ 161 123 72 68 ],	Φ = 7.4837e-007
387.	N = 937,	t = [ 209 159 93 87 ],	Φ = 7.6519e-007
388.	N = 755,	t = [ 168 129 75 70 ],	Φ = 7.6618e-007
389.	N = 503,	t = [ 112 85 50 47 ],	Φ = 7.7051e-007
390.	N = 1006,	t = [ 224 170 100 94 ],	Φ = 7.7051e-007
391.	N = 911,	t = [ 202 155 91 85 ],	Φ = 7.7508e-007
392.	N = 718,	t = [ 160 122 71 67 ],	Φ = 7.7535e-007
393.	N = 968,	t = [ 215 164 97 90 ],	Φ = 7.7679e-007
394.	N = 809,	t = [ 180 137 81 75 ],	Φ = 7.7725e-007
395.	N = 996,	t = [ 221 170 99 93 ],	Φ = 7.7987e-007
396.	N = 1071,	t = [ 238 181 107 100 ],	Φ = 7.8326e-007
397.	N = 974,	t = [ 216 166 97 91 ],	Φ = 7.8400e-007
398.	N = 1114,	t = [ 248 190 111 103 ],	Φ = 7.8475e-007
399.	N = 989,	t = [ 220 169 98 92 ],	Φ = 7.8561e-007
400.	N = 807,	t = [ 180 137 80 75 ],	Φ = 7.9032e-007
401.	N = 977,	t = [ 217 167 97 91 ],	Φ = 7.9306e-007
402.	N = 710,	t = [ 158 120 71 66 ],	Φ = 7.9395e-007
403.	N = 1172,	t = [ 261 200 116 109 ],	Φ = 7.9672e-007
404.	N = 938,	t = [ 209 160 93 87 ],	Φ = 7.9790e-007
405.	N = 580,	t = [ 129 98 58 54 ],	Φ = 7.9796e-007
406.	N = 530,	t = [ 118 90 53 49 ],	Φ = 7.9801e-007
407.	N = 1042,	t = [ 232 176 104 97 ],	Φ = 7.9923e-007
408.	N = 1047,	t = [ 233 177 104 98 ],	Φ = 7.9934e-007
409.	N = 895,	t = [ 199 153 89 83 ],	Φ = 8.0278e-007
410.	N = 1023,	t = [ 228 173 102 95 ],	Φ = 8.0457e-007
411.	N = 898,	t = [ 200 152 89 84 ],	Φ = 8.0722e-007
412.	N = 762,	t = [ 169 130 76 71 ],	Φ = 8.1270e-007
413.	N = 1088,	t = [ 242 186 108 101 ],	Φ = 8.1396e-007
414.	N = 743,	t = [ 165 127 74 69 ],	Φ = 8.1506e-007
415.	N = 912,	t = [ 203 154 91 85 ],	Φ = 8.1509e-007
416.	N = 950,	t = [ 211 162 95 88 ],	Φ = 8.1522e-007
417.	N = 880,	t = [ 196 150 87 82 ],	Φ = 8.2095e-007

418.	N = 857,	t = [ 191 145 85 80 ],	Φ = 8.2273e-007
419.	N = 566,	t = [ 126 96 56 53 ],	Φ = 8.2329e-007
420.	N = 1112,	t = [ 247 188 111 104 ],	Φ = 8.2347e-007
421.	N = 1131,	t = [ 251 193 113 105 ],	Φ = 8.3470e-007
422.	N = 662,	t = [ 147 112 66 62 ],	Φ = 8.3817e-007
423.	N = 713,	t = [ 159 121 71 66 ],	Φ = 8.3863e-007
424.	N = 840,	t = [ 187 142 84 78 ],	Φ = 8.4245e-007
425.	N = 1030,	t = [ 229 176 102 96 ],	Φ = 8.4552e-007
426.	N = 1076,	t = [ 239 184 107 100 ],	Φ = 8.4806e-007
427.	N = 939,	t = [ 209 159 94 87 ],	Φ = 8.4900e-007
428.	N = 972,	t = [ 216 166 97 90 ],	Φ = 8.5030e-007
429.	N = 948,	t = [ 211 162 94 88 ],	Φ = 8.5113e-007
430.	N = 910,	t = [ 202 154 91 85 ],	Φ = 8.5194e-007
431.	N = 1153,	t = [ 256 197 115 107 ],	Φ = 8.5229e-007
432.	N = 869,	t = [ 193 147 87 81 ],	Φ = 8.5354e-007
433.	N = 965,	t = [ 215 163 96 90 ],	Φ = 8.6819e-007
434.	N = 984,	t = [ 219 168 98 91 ],	Φ = 8.7016e-007
435.	N = 562,	t = [ 125 96 56 52 ],	Φ = 8.7081e-007
436.	N = 784,	t = [ 174 134 78 73 ],	Φ = 8.7185e-007
437.	N = 759,	t = [ 169 129 75 71 ],	Φ = 8.7594e-007
438.	N = 1035,	t = [ 230 175 103 97 ],	Φ = 8.7754e-007
439.	N = 823,	t = [ 183 139 82 77 ],	Φ = 8.8034e-007
440.	N = 843,	t = [ 187 143 84 79 ],	Φ = 8.8172e-007
441.	N = 576,	t = [ 128 98 57 54 ],	Φ = 8.8209e-007
442.	N = 523,	t = [ 116 89 52 49 ],	Φ = 8.8230e-007
443.	N = 680,	t = [ 151 116 68 63 ],	Φ = 8.8465e-007
444.	N = 559,	t = [ 124 95 56 52 ],	Φ = 8.8637e-007
445.	N = 1037,	t = [ 231 177 103 96 ],	Φ = 8.8729e-007
446.	N = 691,	t = [ 154 117 69 64 ],	Φ = 8.9043e-007
447.	N = 921,	t = [ 205 157 91 86 ],	Φ = 8.9245e-007
448.	N = 782,	t = [ 174 132 78 73 ],	Φ = 9.0028e-007
449.	N = 920,	t = [ 205 156 91 86 ],	Φ = 9.0097e-007
450.	N = 552,	t = [ 123 94 55 51 ],	Φ = 9.0199e-007
451.	N = 879,	t = [ 195 149 88 82 ],	Φ = 9.0254e-007
452.	N = 970,	t = [ 216 164 97 90 ],	Φ = 9.0450e-007
453.	N = 839,	t = [ 187 143 83 78 ],	Φ = 9.0864e-007
454.	N = 615,	t = [ 137 105 61 57 ],	Φ = 9.0966e-007
455.	N = 928,	t = [ 206 158 92 87 ],	Φ = 9.1044e-007
456.	N = 554,	t = [ 123 94 55 52 ],	Φ = 9.1186e-007
457.	N = 849,	t = [ 189 145 84 79 ],	Φ = 9.1419e-007
458.	N = 677,	t = [ 151 115 67 63 ],	Φ = 9.1632e-007
459.	N = 927,	t = [ 206 157 92 87 ],	Φ = 9.2456e-007
460.	N = 544,	t = [ 121 92 54 51 ],	Φ = 9.2747e-007
461.	N = 660,	t = [ 147 112 66 61 ],	Φ = 9.2920e-007
462.	N = 419,	t = [ 93 71 42 39 ],	Φ = 9.3081e-007
463.	N = 838,	t = [ 186 142 84 78 ],	Φ = 9.3081e-007
464.	N = 663,	t = [ 147 113 66 62 ],	Φ = 9.3122e-007
465.	N = 878,	t = [ 195 150 87 82 ],	Φ = 9.3651e-007
466.	N = 682,	t = [ 152 116 68 63 ],	Φ = 9.4052e-007
467.	N = 788,	t = [ 175 134 79 73 ],	Φ = 9.4665e-007
468.	N = 1090,	t = [ 242 186 109 101 ],	Φ = 9.5400e-007
469.	N = 769,	t = [ 171 131 76 72 ],	Φ = 9.5513e-007
470.	N = 876,	t = [ 195 148 87 82 ],	Φ = 9.6060e-007
471.	N = 778,	t = [ 173 132 77 73 ],	Φ = 9.6103e-007
472.	N = 958,	t = [ 213 162 96 89 ],	Φ = 9.6225e-007
473.	N = 545,	t = [ 121 93 54 51 ],	Φ = 9.6242e-007
474.	N = 890,	t = [ 198 152 88 83 ],	Φ = 9.6335e-007
475.	N = 1018,	t = [ 226 174 101 95 ],	Φ = 9.6648e-007
476.	N = 1100,	t = [ 245 186 110 102 ],	Φ = 9.6699e-007
477.	N = 861,	t = [ 191 147 86 80 ],	Φ = 9.7704e-007
478.	N = 946,	t = [ 211 160 94 88 ],	Φ = 9.7719e-007
479.	N = 835,	t = [ 186 141 83 78 ],	Φ = 9.7860e-007
480.	N = 685,	t = [ 152 117 68 64 ],	Φ = 9.7947e-007

481.	N = 422,	t = [ 94 72 42 39 ],	Φ = 9.8065e-007
482.	N = 844,	t = [ 188 144 84 78 ],	Φ = 9.8065e-007
483.	N = 450,	t = [ 100 76 45 42 ],	Φ = 9.8293e-007
484.	N = 900,	t = [ 200 152 90 84 ],	Φ = 9.8293e-007
485.	N = 600,	t = [ 133 102 60 56 ],	Φ = 9.8470e-007
486.	N = 812,	t = [ 180 138 81 76 ],	Φ = 9.8492e-007
487.	N = 951,	t = [ 211 161 95 89 ],	Φ = 9.8581e-007
488.	N = 941,	t = [ 209 159 94 88 ],	Φ = 9.8745e-007
489.	N = 702,	t = [ 156 120 70 65 ],	Φ = 9.9241e-007
490.	N = 874,	t = [ 194 148 87 82 ],	Φ = 1.0009e-006
491.	N = 648,	t = [ 144 110 65 60 ],	Φ = 1.0072e-006
492.	N = 614,	t = [ 137 104 61 57 ],	Φ = 1.0076e-006
493.	N = 821,	t = [ 183 139 82 76 ],	Φ = 1.0161e-006
494.	N = 738,	t = [ 164 126 73 69 ],	Φ = 1.0206e-006
495.	N = 460,	t = [ 102 78 46 43 ],	Φ = 1.0233e-006
496.	N = 816,	t = [ 182 138 81 76 ],	Φ = 1.0254e-006
497.	N = 864,	t = [ 192 146 86 81 ],	Φ = 1.0277e-006
498.	N = 883,	t = [ 196 151 88 82 ],	Φ = 1.0286e-006
499.	N = 699,	t = [ 155 119 70 65 ],	Φ = 1.0317e-006
500.	N = 828,	t = [ 184 140 83 77 ],	Φ = 1.0338e-006
501.	N = 451,	t = [ 100 77 45 42 ],	Φ = 1.0357e-006
502.	N = 902,	t = [ 200 154 90 84 ],	Φ = 1.0357e-006
503.	N = 790,	t = [ 176 134 79 73 ],	Φ = 1.0379e-006
504.	N = 744,	t = [ 166 126 74 69 ],	Φ = 1.0406e-006
505.	N = 808,	t = [ 180 138 80 75 ],	Φ = 1.0415e-006
506.	N = 484,	t = [ 108 82 48 45 ],	Φ = 1.0507e-006
507.	N = 727,	t = [ 162 123 72 68 ],	Φ = 1.0565e-006
508.	N = 897,	t = [ 199 153 89 84 ],	Φ = 1.0602e-006
509.	N = 854,	t = [ 190 146 85 79 ],	Φ = 1.0608e-006
510.	N = 924,	t = [ 205 158 92 86 ],	Φ = 1.0686e-006
511.	N = 557,	t = [ 124 95 55 52 ],	Φ = 1.0705e-006
512.	N = 803,	t = [ 178 137 80 75 ],	Φ = 1.0715e-006
513.	N = 516,	t = [ 115 88 51 48 ],	Φ = 1.0742e-006
514.	N = 907,	t = [ 202 155 90 84 ],	Φ = 1.0776e-006
515.	N = 1059,	t = [ 236 179 105 99 ],	Φ = 1.0834e-006
516.	N = 410,	t = [ 91 70 41 38 ],	Φ = 1.0871e-006
517.	N = 820,	t = [ 182 140 82 76 ],	Φ = 1.0871e-006
518.	N = 917,	t = [ 204 155 91 86 ],	Φ = 1.0907e-006
519.	N = 756,	t = [ 168 128 75 71 ],	Φ = 1.0963e-006
520.	N = 825,	t = [ 183 141 82 77 ],	Φ = 1.0974e-006
521.	N = 740,	t = [ 164 126 74 69 ],	Φ = 1.1066e-006
522.	N = 672,	t = [ 149 114 67 63 ],	Φ = 1.1082e-006
523.	N = 871,	t = [ 194 147 87 81 ],	Φ = 1.1084e-006
524.	N = 1001,	t = [ 223 169 100 93 ],	Φ = 1.1120e-006
525.	N = 491,	t = [ 109 83 49 46 ],	Φ = 1.1176e-006
526.	N = 982,	t = [ 218 166 98 92 ],	Φ = 1.1176e-006
527.	N = 592,	t = [ 132 100 59 55 ],	Φ = 1.1192e-006
528.	N = 462,	t = [ 103 78 46 43 ],	Φ = 1.1271e-006
529.	N = 739,	t = [ 164 125 74 69 ],	Φ = 1.1281e-006
530.	N = 652,	t = [ 145 110 65 61 ],	Φ = 1.1422e-006
531.	N = 859,	t = [ 191 145 86 80 ],	Φ = 1.1426e-006
532.	N = 931,	t = [ 207 159 92 87 ],	Φ = 1.1449e-006
533.	N = 741,	t = [ 165 125 74 69 ],	Φ = 1.1473e-006
534.	N = 842,	t = [ 187 144 84 78 ],	Φ = 1.1520e-006
535.	N = 797,	t = [ 177 135 80 74 ],	Φ = 1.1572e-006
536.	N = 735,	t = [ 164 125 73 68 ],	Φ = 1.1578e-006
537.	N = 714,	t = [ 159 122 71 66 ],	Φ = 1.1609e-006
538.	N = 722,	t = [ 161 122 72 67 ],	Φ = 1.1631e-006
539.	N = 757,	t = [ 168 129 75 71 ],	Φ = 1.1663e-006
540.	N = 768,	t = [ 171 130 76 72 ],	Φ = 1.1675e-006
541.	N = 686,	t = [ 153 116 68 64 ],	Φ = 1.1759e-006
542.	N = 333,	t = [ 74 57 33 31 ],	Φ = 1.1935e-006
543.	N = 666,	t = [ 148 114 66 62 ],	Φ = 1.1935e-006



544.	N = 794,	t = [ 177 134 79 74 ],	Φ = 1.1938e-006
545.	N = 798,	t = [ 178 136 79 74 ],	Φ = 1.2070e-006
546.	N = 518,	t = [ 115 88 52 48 ],	Φ = 1.2095e-006
547.	N = 852,	t = [ 190 144 85 79 ],	Φ = 1.2161e-006
548.	N = 791,	t = [ 176 135 79 73 ],	Φ = 1.2165e-006
549.	N = 658,	t = [ 146 112 66 61 ],	Φ = 1.2177e-006
550.	N = 625,	t = [ 139 107 62 58 ],	Φ = 1.2183e-006
551.	N = 943,	t = [ 209 161 94 88 ],	Φ = 1.2214e-006
552.	N = 703,	t = [ 156 119 70 66 ],	Φ = 1.2232e-006
553.	N = 698,	t = [ 155 118 70 65 ],	Φ = 1.2249e-006
554.	N = 806,	t = [ 179 138 80 75 ],	Φ = 1.2284e-006
555.	N = 765,	t = [ 170 131 76 71 ],	Φ = 1.2305e-006
556.	N = 749,	t = [ 167 127 74 70 ],	Φ = 1.2408e-006
557.	N = 705,	t = [ 157 119 70 66 ],	Φ = 1.2445e-006
558.	N = 607,	t = [ 135 103 60 57 ],	Φ = 1.2493e-006
559.	N = 780,	t = [ 173 132 78 73 ],	Φ = 1.2500e-006
560.	N = 818,	t = [ 182 140 81 76 ],	Φ = 1.2601e-006
561.	N = 919,	t = [ 204 157 91 86 ],	Φ = 1.2636e-006
562.	N = 960,	t = [ 213 164 96 89 ],	Φ = 1.2658e-006
563.	N = 770,	t = [ 171 130 77 72 ],	Φ = 1.2667e-006
564.	N = 766,	t = [ 171 130 76 71 ],	Φ = 1.2673e-006
565.	N = 605,	t = [ 135 103 60 56 ],	Φ = 1.2678e-006
566.	N = 383,	t = [ 85 65 38 36 ],	Φ = 1.2742e-006
567.	N = 693,	t = [ 154 117 69 65 ],	Φ = 1.2802e-006
568.	N = 708,	t = [ 157 120 71 66 ],	Φ = 1.2804e-006
569.	N = 611,	t = [ 136 103 61 57 ],	Φ = 1.2896e-006
570.	N = 547,	t = [ 122 93 54 51 ],	Φ = 1.2956e-006
571.	N = 905,	t = [ 201 153 90 85 ],	Φ = 1.2982e-006
572.	N = 588,	t = [ 131 100 58 55 ],	Φ = 1.3041e-006
573.	N = 395,	t = [ 88 67 39 37 ],	Φ = 1.3109e-006
574.	N = 473,	t = [ 105 81 47 44 ],	Φ = 1.3188e-006
575.	N = 709,	t = [ 158 121 70 66 ],	Φ = 1.3191e-006
576.	N = 750,	t = [ 167 128 74 70 ],	Φ = 1.3204e-006
577.	N = 781,	t = [ 174 133 78 72 ],	Φ = 1.3405e-006
578.	N = 729,	t = [ 162 123 73 68 ],	Φ = 1.3443e-006
579.	N = 704,	t = [ 157 120 70 65 ],	Φ = 1.3483e-006
580.	N = 526,	t = [ 117 90 52 49 ],	Φ = 1.3530e-006
581.	N = 641,	t = [ 142 109 64 60 ],	Φ = 1.3559e-006
582.	N = 929,	t = [ 207 157 92 87 ],	Φ = 1.3598e-006
583.	N = 373,	t = [ 83 63 37 35 ],	Φ = 1.3602e-006
584.	N = 746,	t = [ 166 126 74 70 ],	Φ = 1.3602e-006
585.	N = 332,	t = [ 74 56 33 31 ],	Φ = 1.3730e-006
586.	N = 664,	t = [ 148 112 66 62 ],	Φ = 1.3730e-006
587.	N = 405,	t = [ 90 69 40 38 ],	Φ = 1.3761e-006
588.	N = 591,	t = [ 131 101 59 55 ],	Φ = 1.3778e-006
589.	N = 629,	t = [ 140 107 63 58 ],	Φ = 1.3778e-006
590.	N = 639,	t = [ 142 109 64 59 ],	Φ = 1.3842e-006
591.	N = 811,	t = [ 180 137 81 76 ],	Φ = 1.3877e-006
592.	N = 669,	t = [ 149 113 67 62 ],	Φ = 1.3897e-006
593.	N = 354,	t = [ 79 60 35 33 ],	Φ = 1.3949e-006
594.	N = 847,	t = [ 188 145 84 79 ],	Φ = 1.3953e-006
595.	N = 636,	t = [ 142 108 63 59 ],	Φ = 1.3978e-006
596.	N = 539,	t = [ 120 91 54 50 ],	Φ = 1.3998e-006
597.	N = 585,	t = [ 130 99 58 55 ],	Φ = 1.4002e-006
598.	N = 638,	t = [ 142 108 64 59 ],	Φ = 1.4006e-006
599.	N = 767,	t = [ 171 131 76 71 ],	Φ = 1.4041e-006
600.	N = 888,	t = [ 198 150 88 83 ],	Φ = 1.4072e-006
601.	N = 598,	t = [ 133 102 59 56 ],	Φ = 1.4077e-006
602.	N = 799,	t = [ 178 135 80 74 ],	Φ = 1.4092e-006
603.	N = 707,	t = [ 157 121 70 66 ],	Φ = 1.4162e-006
604.	N = 550,	t = [ 122 94 55 51 ],	Φ = 1.4179e-006
605.	N = 779,	t = [ 173 133 78 72 ],	Φ = 1.4217e-006
606.	N = 651,	t = [ 145 111 65 60 ],	Φ = 1.4380e-006

607.	N = 667,	t = [ 148 113 67 62 ],	Φ = 1.4381e-006
608.	N = 508,	t = [ 113 86 51 47 ],	Φ = 1.4398e-006
609.	N = 866,	t = [ 192 148 86 81 ],	Φ = 1.4441e-006
610.	N = 813,	t = [ 181 137 81 76 ],	Φ = 1.4496e-006
611.	N = 787,	t = [ 175 133 79 73 ],	Φ = 1.4499e-006
612.	N = 777,	t = [ 173 133 77 72 ],	Φ = 1.4597e-006
613.	N = 726,	t = [ 161 124 72 68 ],	Φ = 1.4634e-006
614.	N = 724,	t = [ 161 124 72 67 ],	Φ = 1.4637e-006
615.	N = 485,	t = [ 108 83 48 45 ],	Φ = 1.4682e-006
616.	N = 352,	t = [ 78 60 35 33 ],	Φ = 1.4711e-006
617.	N = 432,	t = [ 96 74 43 40 ],	Φ = 1.4743e-006
618.	N = 775,	t = [ 173 131 77 72 ],	Φ = 1.4758e-006
619.	N = 801,	t = [ 178 137 80 74 ],	Φ = 1.4906e-006
620.	N = 661,	t = [ 147 113 66 61 ],	Φ = 1.4950e-006
621.	N = 492,	t = [ 109 84 49 46 ],	Φ = 1.5023e-006
622.	N = 719,	t = [ 160 123 71 67 ],	Φ = 1.5142e-006
623.	N = 409,	t = [ 91 69 41 38 ],	Φ = 1.5172e-006
624.	N = 613,	t = [ 136 105 61 57 ],	Φ = 1.5205e-006
625.	N = 499,	t = [ 111 85 50 46 ],	Φ = 1.5313e-006
626.	N = 678,	t = [ 151 116 67 63 ],	Φ = 1.5669e-006
627.	N = 617,	t = [ 137 105 61 58 ],	Φ = 1.5687e-006
628.	N = 501,	t = [ 111 85 50 47 ],	Φ = 1.5729e-006
629.	N = 556,	t = [ 124 94 55 52 ],	Φ = 1.5735e-006
630.	N = 668,	t = [ 149 114 66 62 ],	Φ = 1.5880e-006
631.	N = 574,	t = [ 128 98 57 53 ],	Φ = 1.5892e-006
632.	N = 292,	t = [ 65 50 29 27 ],	Φ = 1.6053e-006
633.	N = 584,	t = [ 130 100 58 54 ],	Φ = 1.6053e-006
634.	N = 572,	t = [ 127 98 57 53 ],	Φ = 1.6108e-006
635.	N = 597,	t = [ 133 101 59 56 ],	Φ = 1.6133e-006
636.	N = 734,	t = [ 163 124 73 69 ],	Φ = 1.6135e-006
637.	N = 475,	t = [ 106 81 47 44 ],	Φ = 1.6179e-006
638.	N = 645,	t = [ 144 109 64 60 ],	Φ = 1.6189e-006
639.	N = 731,	t = [ 162 125 73 68 ],	Φ = 1.6195e-006
640.	N = 657,	t = [ 146 111 66 61 ],	Φ = 1.6277e-006
641.	N = 830,	t = [ 185 140 83 77 ],	Φ = 1.6387e-006
642.	N = 532,	t = [ 118 90 53 50 ],	Φ = 1.6429e-006
643.	N = 567,	t = [ 126 97 56 53 ],	Φ = 1.6437e-006
644.	N = 378,	t = [ 84 64 38 35 ],	Φ = 1.6474e-006
645.	N = 632,	t = [ 140 108 63 59 ],	Φ = 1.6490e-006
646.	N = 690,	t = [ 153 118 69 64 ],	Φ = 1.6565e-006
647.	N = 514,	t = [ 114 88 51 48 ],	Φ = 1.6655e-006
648.	N = 586,	t = [ 130 100 58 55 ],	Φ = 1.6691e-006
649.	N = 753,	t = [ 168 127 75 70 ],	Φ = 1.6722e-006
650.	N = 595,	t = [ 132 101 59 56 ],	Φ = 1.6736e-006
651.	N = 760,	t = [ 169 130 75 71 ],	Φ = 1.6800e-006
652.	N = 564,	t = [ 125 96 56 53 ],	Φ = 1.6873e-006
653.	N = 568,	t = [ 126 96 57 53 ],	Φ = 1.6960e-006
654.	N = 688,	t = [ 153 116 69 64 ],	Φ = 1.6965e-006
655.	N = 700,	t = [ 156 118 70 65 ],	Φ = 1.7031e-006
656.	N = 521,	t = [ 116 89 52 48 ],	Φ = 1.7079e-006
657.	N = 481,	t = [ 107 81 48 45 ],	Φ = 1.7088e-006
658.	N = 772,	t = [ 172 130 77 72 ],	Φ = 1.7120e-006
659.	N = 654,	t = [ 145 112 65 61 ],	Φ = 1.7319e-006
660.	N = 609,	t = [ 135 103 61 57 ],	Φ = 1.7524e-006
661.	N = 506,	t = [ 113 86 50 47 ],	Φ = 1.7559e-006
662.	N = 712,	t = [ 158 122 71 66 ],	Φ = 1.7606e-006
663.	N = 429,	t = [ 95 73 43 40 ],	Φ = 1.7626e-006
664.	N = 522,	t = [ 116 88 52 49 ],	Φ = 1.7726e-006
665.	N = 542,	t = [ 121 92 54 50 ],	Φ = 1.7920e-006
666.	N = 599,	t = [ 133 101 60 56 ],	Φ = 1.8065e-006
667.	N = 374,	t = [ 83 64 37 35 ],	Φ = 1.8079e-006
668.	N = 748,	t = [ 166 128 74 70 ],	Φ = 1.8079e-006
669.	N = 569,	t = [ 126 97 57 53 ],	Φ = 1.8201e-006

670.	N = 758,	t = [ 169 128 75 71 ],	Φ = 1.8224e-006
671.	N = 534,	t = [ 119 90 53 50 ],	Φ = 1.8253e-006
672.	N = 130,	t = [ 29 22 13 12 ],	Φ = 1.8462e-006
673.	N = 260,	t = [ 58 44 26 24 ],	Φ = 1.8462e-006
674.	N = 390,	t = [ 87 66 39 36 ],	Φ = 1.8462e-006
675.	N = 520,	t = [ 116 88 52 48 ],	Φ = 1.8462e-006
676.	N = 650,	t = [ 145 110 65 60 ],	Φ = 1.8462e-006
677.	N = 623,	t = [ 139 105 62 58 ],	Φ = 1.8482e-006
678.	N = 570,	t = [ 127 96 57 53 ],	Φ = 1.8543e-006
679.	N = 575,	t = [ 128 97 57 54 ],	Φ = 1.8670e-006
680.	N = 320,	t = [ 71 54 32 30 ],	Φ = 1.8756e-006
681.	N = 640,	t = [ 142 108 64 60 ],	Φ = 1.8756e-006
682.	N = 683,	t = [ 152 115 68 64 ],	Φ = 1.8789e-006
683.	N = 436,	t = [ 97 74 43 41 ],	Φ = 1.8910e-006
684.	N = 528,	t = [ 117 90 53 49 ],	Φ = 1.8975e-006
685.	N = 619,	t = [ 138 105 61 58 ],	Φ = 1.9066e-006
686.	N = 388,	t = [ 86 66 39 36 ],	Φ = 1.9166e-006
687.	N = 412,	t = [ 92 70 41 38 ],	Φ = 1.9203e-006
688.	N = 673,	t = [ 150 115 67 62 ],	Φ = 1.9250e-006
689.	N = 736,	t = [ 164 126 73 68 ],	Φ = 1.9280e-006
690.	N = 637,	t = [ 142 109 63 59 ],	Φ = 1.9293e-006
691.	N = 509,	t = [ 113 87 51 47 ],	Φ = 1.9361e-006
692.	N = 578,	t = [ 129 98 57 54 ],	Φ = 1.9460e-006
693.	N = 626,	t = [ 139 106 63 58 ],	Φ = 1.9466e-006
694.	N = 573,	t = [ 128 97 57 53 ],	Φ = 1.9562e-006
695.	N = 515,	t = [ 115 87 51 48 ],	Φ = 1.9721e-006
696.	N = 649,	t = [ 144 111 65 60 ],	Φ = 1.9871e-006
697.	N = 717,	t = [ 160 121 71 67 ],	Φ = 1.9936e-006
698.	N = 681,	t = [ 152 115 68 63 ],	Φ = 2.0357e-006
699.	N = 527,	t = [ 117 89 53 49 ],	Φ = 2.0506e-006
700.	N = 369,	t = [ 82 63 37 34 ],	Φ = 2.0554e-006
701.	N = 414,	t = [ 92 70 41 39 ],	Φ = 2.0556e-006
702.	N = 789,	t = [ 175 135 79 73 ],	Φ = 2.0656e-006
703.	N = 289,	t = [ 64 49 29 27 ],	Φ = 2.0723e-006
704.	N = 642,	t = [ 143 108 64 60 ],	Φ = 2.0747e-006
705.	N = 610,	t = [ 135 104 61 57 ],	Φ = 2.0818e-006
706.	N = 279,	t = [ 62 47 28 26 ],	Φ = 2.0980e-006
707.	N = 558,	t = [ 124 94 56 52 ],	Φ = 2.0980e-006
708.	N = 537,	t = [ 119 91 54 50 ],	Φ = 2.1044e-006
709.	N = 671,	t = [ 149 115 67 62 ],	Φ = 2.1072e-006
710.	N = 551,	t = [ 123 93 55 51 ],	Φ = 2.1295e-006
711.	N = 635,	t = [ 141 109 63 59 ],	Φ = 2.1319e-006
712.	N = 695,	t = [ 154 119 69 65 ],	Φ = 2.1432e-006
713.	N = 489,	t = [ 109 83 49 45 ],	Φ = 2.1438e-006
714.	N = 531,	t = [ 118 91 53 49 ],	Φ = 2.1553e-006
715.	N = 443,	t = [ 99 75 44 41 ],	Φ = 2.1659e-006
716.	N = 608,	t = [ 135 104 60 57 ],	Φ = 2.1848e-006
717.	N = 477,	t = [ 106 81 48 44 ],	Φ = 2.1850e-006
718.	N = 511,	t = [ 114 87 51 47 ],	Φ = 2.1881e-006
719.	N = 563,	t = [ 125 95 56 53 ],	Φ = 2.1954e-006
720.	N = 470,	t = [ 104 80 47 44 ],	Φ = 2.1972e-006
721.	N = 616,	t = [ 137 104 61 58 ],	Φ = 2.2117e-006
722.	N = 193,	t = [ 43 33 19 18 ],	Φ = 2.2341e-006
723.	N = 386,	t = [ 86 66 38 36 ],	Φ = 2.2341e-006
724.	N = 579,	t = [ 129 99 57 54 ],	Φ = 2.2341e-006
725.	N = 676,	t = [ 150 116 67 63 ],	Φ = 2.2343e-006
726.	N = 440,	t = [ 98 74 44 41 ],	Φ = 2.2358e-006
727.	N = 627,	t = [ 140 107 62 58 ],	Φ = 2.2364e-006
728.	N = 444,	t = [ 99 76 44 41 ],	Φ = 2.2392e-006
729.	N = 647,	t = [ 144 111 64 60 ],	Φ = 2.2419e-006
730.	N = 493,	t = [ 110 83 49 46 ],	Φ = 2.2586e-006
731.	N = 533,	t = [ 118 91 53 50 ],	Φ = 2.2590e-006
732.	N = 630,	t = [ 140 106 63 59 ],	Φ = 2.2923e-006

733.	N = 555,	t = [ 123 95 55 52 ],	Φ = 2.3053e-006
734.	N = 421,	t = [ 94 71 42 39 ],	Φ = 2.3209e-006
735.	N = 594,	t = [ 132 102 59 55 ],	Φ = 2.3335e-006
736.	N = 495,	t = [ 110 85 49 46 ],	Φ = 2.3573e-006
737.	N = 282,	t = [ 63 48 28 26 ],	Φ = 2.3629e-006
738.	N = 620,	t = [ 138 106 61 58 ],	Φ = 2.3728e-006
739.	N = 417,	t = [ 93 71 41 39 ],	Φ = 2.4020e-006
740.	N = 359,	t = [ 80 61 36 33 ],	Φ = 2.4128e-006
741.	N = 538,	t = [ 120 92 53 50 ],	Φ = 2.4564e-006
742.	N = 628,	t = [ 140 106 63 58 ],	Φ = 2.4564e-006
743.	N = 446,	t = [ 99 76 44 42 ],	Φ = 2.4565e-006
744.	N = 536,	t = [ 119 92 53 50 ],	Φ = 2.4870e-006
745.	N = 391,	t = [ 87 67 39 36 ],	Φ = 2.4872e-006
746.	N = 487,	t = [ 108 83 49 45 ],	Φ = 2.5036e-006
747.	N = 604,	t = [ 135 102 60 56 ],	Φ = 2.5186e-006
748.	N = 543,	t = [ 121 93 54 50 ],	Φ = 2.5237e-006
749.	N = 427,	t = [ 95 73 42 40 ],	Φ = 2.5366e-006
750.	N = 212,	t = [ 47 36 21 20 ],	Φ = 2.5472e-006
751.	N = 424,	t = [ 94 72 42 40 ],	Φ = 2.5472e-006
752.	N = 589,	t = [ 131 99 59 55 ],	Φ = 2.5873e-006
753.	N = 248,	t = [ 55 42 25 23 ],	Φ = 2.6278e-006
754.	N = 496,	t = [ 110 84 50 46 ],	Φ = 2.6278e-006
755.	N = 601,	t = [ 134 101 60 56 ],	Φ = 2.6548e-006
756.	N = 361,	t = [ 80 61 36 34 ],	Φ = 2.6548e-006
757.	N = 426,	t = [ 95 72 42 40 ],	Φ = 2.6554e-006
758.	N = 381,	t = [ 85 65 38 35 ],	Φ = 2.6706e-006
759.	N = 659,	t = [ 147 111 66 61 ],	Φ = 2.6806e-006
760.	N = 458,	t = [ 102 78 45 43 ],	Φ = 2.6909e-006
761.	N = 498,	t = [ 111 84 50 46 ],	Φ = 2.7016e-006
762.	N = 587,	t = [ 131 99 58 55 ],	Φ = 2.7316e-006
763.	N = 596,	t = [ 133 102 59 55 ],	Φ = 2.7321e-006
764.	N = 548,	t = [ 122 94 54 51 ],	Φ = 2.7407e-006
765.	N = 454,	t = [ 101 78 45 42 ],	Φ = 2.7447e-006
766.	N = 313,	t = [ 70 53 31 29 ],	Φ = 2.7586e-006
767.	N = 345,	t = [ 77 59 34 32 ],	Φ = 2.7592e-006
768.	N = 606,	t = [ 135 104 60 56 ],	Φ = 2.7725e-006
769.	N = 376,	t = [ 84 64 37 35 ],	Φ = 2.8019e-006
770.	N = 553,	t = [ 123 93 55 52 ],	Φ = 2.8032e-006
771.	N = 291,	t = [ 65 49 29 27 ],	Φ = 2.8178e-006
772.	N = 582,	t = [ 130 98 58 54 ],	Φ = 2.8178e-006
773.	N = 393,	t = [ 87 67 39 37 ],	Φ = 2.8230e-006
774.	N = 330,	t = [ 73 56 33 31 ],	Φ = 2.8437e-006
775.	N = 512,	t = [ 114 86 51 48 ],	Φ = 2.8698e-006
776.	N = 415,	t = [ 92 71 41 39 ],	Φ = 2.8948e-006
777.	N = 140,	t = [ 31 24 14 13 ],	Φ = 2.8978e-006
778.	N = 280,	t = [ 62 48 28 26 ],	Φ = 2.8978e-006
779.	N = 420,	t = [ 93 72 42 39 ],	Φ = 2.8978e-006
780.	N = 560,	t = [ 124 96 56 52 ],	Φ = 2.8978e-006
781.	N = 438,	t = [ 97 74 44 41 ],	Φ = 2.9187e-006
782.	N = 469,	t = [ 104 79 47 44 ],	Φ = 2.9292e-006
783.	N = 517,	t = [ 115 87 52 48 ],	Φ = 2.9311e-006
784.	N = 577,	t = [ 128 99 57 54 ],	Φ = 2.9331e-006
785.	N = 385,	t = [ 86 65 38 36 ],	Φ = 2.9347e-006
786.	N = 465,	t = [ 104 79 46 43 ],	Φ = 2.9444e-006
787.	N = 467,	t = [ 104 79 47 43 ],	Φ = 2.9898e-006
788.	N = 351,	t = [ 78 59 35 33 ],	Φ = 3.0171e-006
789.	N = 434,	t = [ 97 74 43 40 ],	Φ = 3.0216e-006
790.	N = 529,	t = [ 118 89 53 49 ],	Φ = 3.0326e-006
791.	N = 486,	t = [ 108 82 49 45 ],	Φ = 3.0355e-006
792.	N = 461,	t = [ 102 79 46 43 ],	Φ = 3.0441e-006
793.	N = 474,	t = [ 106 80 47 44 ],	Φ = 3.0483e-006
794.	N = 202,	t = [ 45 34 20 19 ],	Φ = 3.0518e-006
795.	N = 404,	t = [ 90 68 40 38 ],	Φ = 3.0518e-006

796.	N = 428,	t = [ 95 72 43 40 ],	Φ = 3.0891e-006
797.	N = 455,	t = [ 101 77 45 43 ],	Φ = 3.0944e-006
798.	N = 507,	t = [ 113 87 50 47 ],	Φ = 3.1207e-006
799.	N = 347,	t = [ 77 59 35 32 ],	Φ = 3.1370e-006
800.	N = 565,	t = [ 126 95 56 53 ],	Φ = 3.1536e-006
801.	N = 397,	t = [ 88 67 40 37 ],	Φ = 3.1650e-006
802.	N = 468,	t = [ 104 80 47 43 ],	Φ = 3.1927e-006
803.	N = 368,	t = [ 82 62 37 34 ],	Φ = 3.2021e-006
804.	N = 442,	t = [ 98 76 44 41 ],	Φ = 3.2119e-006
805.	N = 546,	t = [ 122 92 54 51 ],	Φ = 3.2225e-006
806.	N = 497,	t = [ 111 85 49 46 ],	Φ = 3.2312e-006
807.	N = 483,	t = [ 107 83 48 45 ],	Φ = 3.2374e-006
808.	N = 519,	t = [ 115 89 52 48 ],	Φ = 3.2433e-006
809.	N = 355,	t = [ 79 61 35 33 ],	Φ = 3.2463e-006
810.	N = 479,	t = [ 106 81 48 45 ],	Φ = 3.2522e-006
811.	N = 510,	t = [ 113 86 51 48 ],	Φ = 3.2600e-006
812.	N = 229,	t = [ 51 39 23 21 ],	Φ = 3.2742e-006
813.	N = 234,	t = [ 52 40 23 22 ],	Φ = 3.2749e-006
814.	N = 321,	t = [ 71 55 32 30 ],	Φ = 3.2855e-006
815.	N = 224,	t = [ 50 38 22 21 ],	Φ = 3.3055e-006
816.	N = 448,	t = [ 100 76 44 42 ],	Φ = 3.3055e-006
817.	N = 396,	t = [ 88 68 39 37 ],	Φ = 3.3260e-006
818.	N = 363,	t = [ 81 61 36 34 ],	Φ = 3.3617e-006
819.	N = 480,	t = [ 107 82 48 44 ],	Φ = 3.3729e-006
820.	N = 490,	t = [ 109 84 49 45 ],	Φ = 3.3874e-006
821.	N = 310,	t = [ 69 52 31 29 ],	Φ = 3.3886e-006
822.	N = 445,	t = [ 99 75 44 42 ],	Φ = 3.4261e-006
823.	N = 541,	t = [ 120 93 54 50 ],	Φ = 3.4291e-006
824.	N = 452,	t = [ 101 76 45 42 ],	Φ = 3.4388e-006
825.	N = 471,	t = [ 105 79 47 44 ],	Φ = 3.4824e-006
826.	N = 379,	t = [ 84 65 38 35 ],	Φ = 3.4840e-006
827.	N = 392,	t = [ 87 66 39 37 ],	Φ = 3.5334e-006
828.	N = 500,	t = [ 111 84 50 47 ],	Φ = 3.5572e-006
829.	N = 618,	t = [ 137 106 61 58 ],	Φ = 3.5705e-006
830.	N = 502,	t = [ 111 86 50 47 ],	Φ = 3.6022e-006
831.	N = 524,	t = [ 116 90 52 49 ],	Φ = 3.6714e-006
832.	N = 302,	t = [ 67 52 30 28 ],	Φ = 3.7035e-006
833.	N = 399,	t = [ 89 67 40 37 ],	Φ = 3.7406e-006
834.	N = 398,	t = [ 88 68 40 37 ],	Φ = 3.7442e-006
835.	N = 343,	t = [ 76 59 34 32 ],	Φ = 3.7494e-006
836.	N = 459,	t = [ 102 77 46 43 ],	Φ = 3.7664e-006
837.	N = 407,	t = [ 91 69 40 38 ],	Φ = 3.7715e-006
838.	N = 337,	t = [ 75 57 34 31 ],	Φ = 3.8076e-006
839.	N = 439,	t = [ 97 75 44 41 ],	Φ = 3.8231e-006
840.	N = 402,	t = [ 89 68 40 38 ],	Φ = 3.8680e-006
841.	N = 401,	t = [ 89 69 40 37 ],	Φ = 3.8851e-006
842.	N = 265,	t = [ 59 45 26 25 ],	Φ = 3.9749e-006
843.	N = 437,	t = [ 97 75 43 41 ],	Φ = 3.9752e-006
844.	N = 413,	t = [ 92 71 41 38 ],	Φ = 3.9801e-006
845.	N = 403,	t = [ 90 69 40 37 ],	Φ = 4.0794e-006
846.	N = 387,	t = [ 86 65 39 36 ],	Φ = 4.0902e-006
847.	N = 371,	t = [ 82 63 37 35 ],	Φ = 4.1517e-006
848.	N = 505,	t = [ 112 87 50 47 ],	Φ = 4.1634e-006
849.	N = 243,	t = [ 54 41 24 23 ],	Φ = 4.1662e-006
850.	N = 466,	t = [ 104 80 46 43 ],	Φ = 4.1738e-006
851.	N = 456,	t = [ 101 78 45 43 ],	Φ = 4.1811e-006
852.	N = 239,	t = [ 53 41 24 22 ],	Φ = 4.2168e-006
853.	N = 478,	t = [ 106 82 48 44 ],	Φ = 4.2168e-006
854.	N = 251,	t = [ 56 43 25 23 ],	Φ = 4.2288e-006
855.	N = 314,	t = [ 70 54 31 29 ],	Φ = 4.2775e-006
856.	N = 344,	t = [ 77 58 34 32 ],	Φ = 4.3380e-006
857.	N = 464,	t = [ 103 80 46 43 ],	Φ = 4.3756e-006
858.	N = 181,	t = [ 40 31 18 17 ],	Φ = 4.3878e-006

859.	N = 362,	t = [ 80 62 36 34 ],	Φ = 4.3878e-006
860.	N = 457,	t = [ 102 77 45 43 ],	Φ = 4.4050e-006
861.	N = 366,	t = [ 81 62 37 34 ],	Φ = 4.4228e-006
862.	N = 356,	t = [ 79 60 36 33 ],	Φ = 4.4413e-006
863.	N = 449,	t = [ 100 77 44 42 ],	Φ = 4.4507e-006
864.	N = 335,	t = [ 75 57 33 31 ],	Φ = 4.4532e-006
865.	N = 433,	t = [ 96 73 43 41 ],	Φ = 4.4771e-006
866.	N = 357,	t = [ 79 61 36 33 ],	Φ = 4.5075e-006
867.	N = 384,	t = [ 85 66 38 36 ],	Φ = 4.5406e-006
868.	N = 238,	t = [ 53 40 24 22 ],	Φ = 4.5845e-006
869.	N = 476,	t = [ 106 80 48 44 ],	Φ = 4.5845e-006
870.	N = 408,	t = [ 91 70 40 38 ],	Φ = 4.6605e-006
871.	N = 328,	t = [ 73 56 33 30 ],	Φ = 4.6653e-006
872.	N = 418,	t = [ 93 70 42 39 ],	Φ = 4.7096e-006
873.	N = 258,	t = [ 57 44 26 24 ],	Φ = 4.7299e-006
874.	N = 299,	t = [ 66 51 30 28 ],	Φ = 4.8558e-006
875.	N = 152,	t = [ 34 26 15 14 ],	Φ = 4.8591e-006
876.	N = 304,	t = [ 68 52 30 28 ],	Φ = 4.8591e-006
877.	N = 349,	t = [ 78 59 35 32 ],	Φ = 4.8748e-006
878.	N = 382,	t = [ 85 64 38 36 ],	Φ = 4.8789e-006
879.	N = 380,	t = [ 85 64 38 35 ],	Φ = 4.8979e-006
880.	N = 416,	t = [ 93 70 41 39 ],	Φ = 4.9457e-006
881.	N = 161,	t = [ 36 27 16 15 ],	Φ = 4.9482e-006
882.	N = 322,	t = [ 72 54 32 30 ],	Φ = 4.9482e-006
883.	N = 430,	t = [ 96 72 43 40 ],	Φ = 4.9645e-006
884.	N = 350,	t = [ 78 60 35 32 ],	Φ = 4.9818e-006
885.	N = 423,	t = [ 94 71 42 40 ],	Φ = 5.0330e-006
886.	N = 435,	t = [ 97 73 43 41 ],	Φ = 5.1135e-006
887.	N = 488,	t = [ 109 82 49 45 ],	Φ = 5.1225e-006
888.	N = 261,	t = [ 58 45 26 24 ],	Φ = 5.2764e-006
889.	N = 275,	t = [ 61 47 27 26 ],	Φ = 5.2972e-006
890.	N = 183,	t = [ 41 31 18 17 ],	Φ = 5.3101e-006
891.	N = 253,	t = [ 56 43 25 24 ],	Φ = 5.3725e-006
892.	N = 338,	t = [ 75 58 34 31 ],	Φ = 5.3805e-006
893.	N = 306,	t = [ 68 52 30 29 ],	Φ = 5.5284e-006
894.	N = 365,	t = [ 81 63 36 34 ],	Φ = 5.5685e-006
895.	N = 341,	t = [ 76 57 34 32 ],	Φ = 5.5774e-006
896.	N = 269,	t = [ 60 45 27 25 ],	Φ = 5.5933e-006
897.	N = 425,	t = [ 94 73 42 40 ],	Φ = 5.6641e-006
898.	N = 360,	t = [ 80 62 36 33 ],	Φ = 5.7633e-006
899.	N = 394,	t = [ 88 66 39 37 ],	Φ = 5.7667e-006
900.	N = 367,	t = [ 82 63 36 34 ],	Φ = 5.7874e-006
901.	N = 411,	t = [ 92 69 41 38 ],	Φ = 5.8095e-006
902.	N = 203,	t = [ 45 35 20 19 ],	Φ = 5.8373e-006
903.	N = 406,	t = [ 90 70 40 38 ],	Φ = 5.8373e-006
904.	N = 340,	t = [ 75 58 34 32 ],	Φ = 5.8697e-006
905.	N = 149,	t = [ 33 25 15 14 ],	Φ = 6.0908e-006
906.	N = 298,	t = [ 66 50 30 28 ],	Φ = 6.0908e-006
907.	N = 447,	t = [ 99 75 45 42 ],	Φ = 6.0908e-006
908.	N = 284,	t = [ 63 48 28 27 ],	Φ = 6.1091e-006
909.	N = 339,	t = [ 75 57 34 32 ],	Φ = 6.1161e-006
910.	N = 162,	t = [ 36 28 16 15 ],	Φ = 6.1595e-006
911.	N = 324,	t = [ 72 56 32 30 ],	Φ = 6.1595e-006
912.	N = 296,	t = [ 66 50 29 28 ],	Φ = 6.1610e-006
913.	N = 287,	t = [ 64 49 28 27 ],	Φ = 6.1925e-006
914.	N = 377,	t = [ 84 65 37 35 ],	Φ = 6.2200e-006
915.	N = 255,	t = [ 57 43 25 24 ],	Φ = 6.2948e-006
916.	N = 318,	t = [ 71 54 32 29 ],	Φ = 6.3379e-006
917.	N = 325,	t = [ 72 55 33 30 ],	Φ = 6.3792e-006
918.	N = 207,	t = [ 46 35 21 19 ],	Φ = 6.4232e-006
919.	N = 389,	t = [ 86 67 39 36 ],	Φ = 6.4285e-006
920.	N = 375,	t = [ 84 63 37 35 ],	Φ = 6.5214e-006
921.	N = 346,	t = [ 77 58 35 32 ],	Φ = 6.5522e-006

922.	N = 372,	t = [ 83 64 37 34 ],	Φ = 6.6261e-006
923.	N = 272,	t = [ 61 46 27 25 ],	Φ = 6.6347e-006
924.	N = 246,	t = [ 55 42 24 23 ],	Φ = 6.6924e-006
925.	N = 308,	t = [ 68 52 31 29 ],	Φ = 6.6941e-006
926.	N = 256,	t = [ 57 44 25 24 ],	Φ = 6.7465e-006
927.	N = 370,	t = [ 82 62 37 35 ],	Φ = 6.8025e-006
928.	N = 217,	t = [ 48 37 22 20 ],	Φ = 6.8096e-006
929.	N = 316,	t = [ 70 54 32 29 ],	Φ = 6.8184e-006
930.	N = 190,	t = [ 42 32 19 18 ],	Φ = 6.8563e-006
931.	N = 267,	t = [ 59 45 27 25 ],	Φ = 6.8803e-006
932.	N = 358,	t = [ 80 60 36 33 ],	Φ = 6.8916e-006
933.	N = 327,	t = [ 73 55 33 30 ],	Φ = 6.9069e-006
934.	N = 329,	t = [ 73 55 33 31 ],	Φ = 6.9459e-006
935.	N = 274,	t = [ 61 46 27 26 ],	Φ = 7.1689e-006
936.	N = 250,	t = [ 56 42 25 23 ],	Φ = 7.2165e-006
937.	N = 222,	t = [ 49 38 22 21 ],	Φ = 7.2202e-006
938.	N = 241,	t = [ 54 41 24 22 ],	Φ = 7.3253e-006
939.	N = 233,	t = [ 52 39 23 22 ],	Φ = 7.3574e-006
940.	N = 219,	t = [ 49 37 22 20 ],	Φ = 7.3866e-006
941.	N = 297,	t = [ 66 51 29 28 ],	Φ = 7.4286e-006
942.	N = 244,	t = [ 54 42 24 23 ],	Φ = 7.4672e-006
943.	N = 273,	t = [ 61 47 27 25 ],	Φ = 7.5056e-006
944.	N = 315,	t = [ 70 53 32 29 ],	Φ = 7.5787e-006
945.	N = 353,	t = [ 79 59 35 33 ],	Φ = 7.6082e-006
946.	N = 257,	t = [ 57 43 26 24 ],	Φ = 7.6320e-006
947.	N = 215,	t = [ 48 37 21 20 ],	Φ = 7.6625e-006
948.	N = 290,	t = [ 64 50 29 27 ],	Φ = 7.7986e-006
949.	N = 303,	t = [ 68 51 30 28 ],	Φ = 7.8088e-006
950.	N = 300,	t = [ 67 50 30 28 ],	Φ = 7.8926e-006
951.	N = 331,	t = [ 73 57 33 31 ],	Φ = 7.9864e-006
952.	N = 336,	t = [ 75 58 33 31 ],	Φ = 8.0146e-006
953.	N = 277,	t = [ 62 47 27 26 ],	Φ = 8.0390e-006
954.	N = 294,	t = [ 65 50 29 28 ],	Φ = 8.0812e-006
955.	N = 348,	t = [ 77 60 35 32 ],	Φ = 8.0860e-006
956.	N = 312,	t = [ 69 54 31 29 ],	Φ = 8.1215e-006
957.	N = 221,	t = [ 49 37 22 21 ],	Φ = 8.4060e-006
958.	N = 288,	t = [ 64 48 29 27 ],	Φ = 8.4103e-006
959.	N = 283,	t = [ 63 49 28 26 ],	Φ = 8.4448e-006
960.	N = 326,	t = [ 73 56 32 30 ],	Φ = 8.5468e-006
961.	N = 180,	t = [ 40 30 18 17 ],	Φ = 8.6674e-006
962.	N = 214,	t = [ 48 36 21 20 ],	Φ = 8.8253e-006
963.	N = 281,	t = [ 63 47 28 26 ],	Φ = 8.9708e-006
964.	N = 249,	t = [ 55 43 25 23 ],	Φ = 9.0609e-006
965.	N = 231,	t = [ 51 39 23 22 ],	Φ = 9.0894e-006
966.	N = 226,	t = [ 50 38 23 21 ],	Φ = 9.2244e-006
967.	N = 285,	t = [ 63 49 28 27 ],	Φ = 9.5261e-006
968.	N = 271,	t = [ 60 47 27 25 ],	Φ = 9.5926e-006
969.	N = 99,	t = [ 22 17 10 9 ],	Φ = 9.6788e-006
970.	N = 198,	t = [ 44 34 20 18 ],	Φ = 9.6788e-006
971.	N = 159,	t = [ 35 27 16 15 ],	Φ = 9.6923e-006
972.	N = 262,	t = [ 58 44 26 25 ],	Φ = 9.6948e-006
973.	N = 334,	t = [ 74 56 34 31 ],	Φ = 9.7561e-006
974.	N = 319,	t = [ 71 55 32 29 ],	Φ = 9.7672e-006
975.	N = 309,	t = [ 69 53 30 29 ],	Φ = 9.8336e-006
976.	N = 286,	t = [ 64 48 28 27 ],	Φ = 9.9452e-006
977.	N = 268,	t = [ 59 46 27 25 ],	Φ = 1.0016e-005
978.	N = 263,	t = [ 58 45 26 25 ],	Φ = 1.0021e-005
979.	N = 205,	t = [ 46 35 20 19 ],	Φ = 1.0118e-005
980.	N = 266,	t = [ 59 46 26 25 ],	Φ = 1.0337e-005
981.	N = 220,	t = [ 49 38 22 20 ],	Φ = 1.0454e-005
982.	N = 192,	t = [ 43 32 19 18 ],	Φ = 1.0468e-005
983.	N = 225,	t = [ 50 39 22 21 ],	Φ = 1.0578e-005
984.	N = 305,	t = [ 68 51 30 29 ],	Φ = 1.0653e-005

985.	N = 118,	t = [ 26 20 12 11 ],	Φ = 1.0785e-005
986.	N = 236,	t = [ 52 40 24 22 ],	Φ = 1.0785e-005
987.	N = 307,	t = [ 68 53 30 29 ],	Φ = 1.1166e-005
988.	N = 252,	t = [ 56 42 25 24 ],	Φ = 1.1560e-005
989.	N = 200,	t = [ 44 34 20 19 ],	Φ = 1.1628e-005
990.	N = 278,	t = [ 62 48 27 26 ],	Φ = 1.1684e-005
991.	N = 228,	t = [ 51 38 23 21 ],	Φ = 1.1714e-005
992.	N = 293,	t = [ 65 49 29 28 ],	Φ = 1.1724e-005
993.	N = 210,	t = [ 47 36 21 19 ],	Φ = 1.1810e-005
994.	N = 188,	t = [ 42 32 19 17 ],	Φ = 1.1830e-005
995.	N = 264,	t = [ 59 44 26 25 ],	Φ = 1.1979e-005
996.	N = 227,	t = [ 50 39 23 21 ],	Φ = 1.1983e-005
997.	N = 295,	t = [ 66 51 29 27 ],	Φ = 1.2073e-005
998.	N = 197,	t = [ 44 33 20 18 ],	Φ = 1.2397e-005
999.	N = 317,	t = [ 70 53 32 30 ],	Φ = 1.2513e-005
1000.	N = 247,	t = [ 55 41 25 23 ],	Φ = 1.2596e-005
1001.	N = 108,	t = [ 24 18 11 10 ],	Φ = 1.2698e-005
1002.	N = 216,	t = [ 48 36 22 20 ],	Φ = 1.2698e-005
1003.	N = 174,	t = [ 39 30 17 16 ],	Φ = 1.2929e-005
1004.	N = 245,	t = [ 55 41 24 23 ],	Φ = 1.3180e-005
1005.	N = 211,	t = [ 47 35 21 20 ],	Φ = 1.3183e-005
1006.	N = 259,	t = [ 58 43 26 24 ],	Φ = 1.3376e-005
1007.	N = 208,	t = [ 46 36 21 19 ],	Φ = 1.3699e-005
1008.	N = 184,	t = [ 41 32 18 17 ],	Φ = 1.3728e-005
1009.	N = 230,	t = [ 51 40 23 21 ],	Φ = 1.4051e-005
1010.	N = 121,	t = [ 27 21 12 11 ],	Φ = 1.4189e-005
1011.	N = 242,	t = [ 54 42 24 22 ],	Φ = 1.4189e-005
1012.	N = 276,	t = [ 61 46 28 26 ],	Φ = 1.4275e-005
1013.	N = 139,	t = [ 31 23 14 13 ],	Φ = 1.4298e-005
1014.	N = 213,	t = [ 47 37 21 20 ],	Φ = 1.4323e-005
1015.	N = 191,	t = [ 42 33 19 18 ],	Φ = 1.4494e-005
1016.	N = 176,	t = [ 39 30 18 16 ],	Φ = 1.4575e-005
1017.	N = 237,	t = [ 53 41 23 22 ],	Φ = 1.4657e-005
1018.	N = 150,	t = [ 33 26 15 14 ],	Φ = 1.4847e-005
1019.	N = 254,	t = [ 56 44 25 24 ],	Φ = 1.4905e-005
1020.	N = 232,	t = [ 52 40 23 21 ],	Φ = 1.5270e-005
1021.	N = 142,	t = [ 32 24 14 13 ],	Φ = 1.5625e-005
1022.	N = 172,	t = [ 38 30 17 16 ],	Φ = 1.5656e-005
1023.	N = 195,	t = [ 43 33 20 18 ],	Φ = 1.5748e-005
1024.	N = 223,	t = [ 50 37 22 21 ],	Φ = 1.6168e-005
1025.	N = 185,	t = [ 41 31 19 17 ],	Φ = 1.6858e-005
1026.	N = 173,	t = [ 39 29 17 16 ],	Φ = 1.7521e-005
1027.	N = 235,	t = [ 52 41 23 22 ],	Φ = 1.7547e-005
1028.	N = 120,	t = [ 27 20 12 11 ],	Φ = 1.7862e-005
1029.	N = 240,	t = [ 54 40 24 22 ],	Φ = 1.7862e-005
1030.	N = 209,	t = [ 47 35 21 19 ],	Φ = 1.8052e-005
1031.	N = 186,	t = [ 41 32 19 17 ],	Φ = 1.8516e-005
1032.	N = 166,	t = [ 37 28 17 15 ],	Φ = 1.8645e-005
1033.	N = 199,	t = [ 44 33 20 19 ],	Φ = 1.9509e-005
1034.	N = 170,	t = [ 38 28 17 16 ],	Φ = 1.9546e-005
1035.	N = 168,	t = [ 37 28 17 16 ],	Φ = 2.0488e-005
1036.	N = 194,	t = [ 43 34 19 18 ],	Φ = 2.1006e-005
1037.	N = 169,	t = [ 37 29 17 16 ],	Φ = 2.1213e-005
1038.	N = 164,	t = [ 37 28 16 15 ],	Φ = 2.1219e-005
1039.	N = 204,	t = [ 46 34 20 19 ],	Φ = 2.1488e-005
1040.	N = 111,	t = [ 25 19 11 10 ],	Φ = 2.1617e-005
1041.	N = 151,	t = [ 34 25 15 14 ],	Φ = 2.1826e-005
1042.	N = 109,	t = [ 24 19 11 10 ],	Φ = 2.2257e-005
1043.	N = 218,	t = [ 48 38 22 20 ],	Φ = 2.2257e-005
1044.	N = 89,	t = [ 20 15 9 8 ],	Φ = 2.2365e-005
1045.	N = 178,	t = [ 40 30 18 16 ],	Φ = 2.2365e-005
1046.	N = 196,	t = [ 44 34 19 18 ],	Φ = 2.2615e-005
1047.	N = 206,	t = [ 46 34 21 19 ],	Φ = 2.2727e-005



1048.	N = 135,	t = [ 30 23 13 13 ],	Φ = 2.2836e-005
1049.	N = 131,	t = [ 29 23 13 12 ],	Φ = 2.3403e-005
1050.	N = 179,	t = [ 40 31 18 16 ],	Φ = 2.4254e-005
1051.	N = 128,	t = [ 28 22 13 12 ],	Φ = 2.4610e-005
1052.	N = 94,	t = [ 21 16 9 9 ],	Φ = 2.4808e-005
1053.	N = 201,	t = [ 45 33 20 19 ],	Φ = 2.5097e-005
1054.	N = 143,	t = [ 32 25 14 13 ],	Φ = 2.5383e-005
1055.	N = 189,	t = [ 42 33 19 17 ],	Φ = 2.5388e-005
1056.	N = 158,	t = [ 35 26 16 15 ],	Φ = 2.5415e-005
1057.	N = 157,	t = [ 35 27 16 14 ],	Φ = 2.6073e-005
1058.	N = 175,	t = [ 39 29 18 16 ],	Φ = 2.6315e-005
1059.	N = 187,	t = [ 42 31 19 17 ],	Φ = 2.6830e-005
1060.	N = 167,	t = [ 37 29 17 15 ],	Φ = 2.6831e-005
1061.	N = 182,	t = [ 41 30 18 17 ],	Φ = 2.7125e-005
1062.	N = 127,	t = [ 28 21 13 12 ],	Φ = 2.8389e-005
1063.	N = 125,	t = [ 28 21 12 12 ],	Φ = 2.8543e-005
1064.	N = 113,	t = [ 25 19 11 11 ],	Φ = 2.8628e-005
1065.	N = 137,	t = [ 30 23 14 13 ],	Φ = 2.9000e-005
1066.	N = 154,	t = [ 34 26 15 15 ],	Φ = 2.9350e-005
1067.	N = 145,	t = [ 32 25 14 14 ],	Φ = 3.0348e-005
1068.	N = 77,	t = [ 17 13 8 7 ],	Φ = 3.0449e-005
1069.	N = 104,	t = [ 23 18 10 10 ],	Φ = 3.0800e-005
1070.	N = 72,	t = [ 16 12 7 7 ],	Φ = 3.0920e-005
1071.	N = 144,	t = [ 32 24 14 14 ],	Φ = 3.0920e-005
1072.	N = 147,	t = [ 33 25 14 14 ],	Φ = 3.1048e-005
1073.	N = 133,	t = [ 30 23 13 12 ],	Φ = 3.1305e-005
1074.	N = 153,	t = [ 34 27 15 14 ],	Φ = 3.1494e-005
1075.	N = 160,	t = [ 35 28 16 15 ],	Φ = 3.3712e-005
1076.	N = 156,	t = [ 35 26 16 14 ],	Φ = 3.4001e-005
1077.	N = 177,	t = [ 39 31 18 16 ],	Φ = 3.5300e-005
1078.	N = 116,	t = [ 26 20 11 11 ],	Φ = 3.5365e-005
1079.	N = 41,	t = [ 9 7 4 4 ],	Φ = 3.7252e-005
1080.	N = 82,	t = [ 18 14 8 8 ],	Φ = 3.7252e-005
1081.	N = 123,	t = [ 27 21 12 12 ],	Φ = 3.7252e-005
1082.	N = 165,	t = [ 37 29 16 15 ],	Φ = 3.7787e-005
1083.	N = 63,	t = [ 14 11 6 6 ],	Φ = 3.8663e-005
1084.	N = 126,	t = [ 28 22 12 12 ],	Φ = 3.8663e-005
1085.	N = 103,	t = [ 23 17 10 10 ],	Φ = 3.9441e-005
1086.	N = 129,	t = [ 29 21 13 12 ],	Φ = 4.0135e-005
1087.	N = 163,	t = [ 36 27 17 15 ],	Φ = 4.0532e-005
1088.	N = 98,	t = [ 22 16 10 9 ],	Φ = 4.1311e-005
1089.	N = 141,	t = [ 31 25 14 13 ],	Φ = 4.2646e-005
1090.	N = 148,	t = [ 33 24 15 14 ],	Φ = 4.2943e-005
1091.	N = 87,	t = [ 19 15 9 8 ],	Φ = 4.3049e-005
1092.	N = 155,	t = [ 35 27 15 14 ],	Φ = 4.3263e-005
1093.	N = 132,	t = [ 30 22 13 12 ],	Φ = 4.4200e-005
1094.	N = 117,	t = [ 26 19 12 11 ],	Φ = 4.5393e-005
1095.	N = 134,	t = [ 30 22 13 13 ],	Φ = 4.6614e-005
1096.	N = 138,	t = [ 30 24 14 13 ],	Φ = 4.7650e-005
1097.	N = 96,	t = [ 21 16 10 9 ],	Φ = 4.7931e-005
1098.	N = 119,	t = [ 26 21 12 11 ],	Φ = 4.8435e-005
1099.	N = 84,	t = [ 19 14 8 8 ],	Φ = 5.0632e-005
1100.	N = 146,	t = [ 32 24 15 14 ],	Φ = 5.1905e-005
1101.	N = 53,	t = [ 12 9 5 5 ],	Φ = 5.2562e-005
1102.	N = 106,	t = [ 24 18 10 10 ],	Φ = 5.2562e-005
1103.	N = 114,	t = [ 25 20 11 11 ],	Φ = 5.3787e-005
1104.	N = 136,	t = [ 30 24 13 13 ],	Φ = 5.4294e-005
1105.	N = 115,	t = [ 26 19 11 11 ],	Φ = 5.5003e-005
1106.	N = 122,	t = [ 27 20 12 12 ],	Φ = 5.5039e-005
1107.	N = 101,	t = [ 23 17 10 9 ],	Φ = 5.6623e-005
1108.	N = 90,	t = [ 20 16 9 8 ],	Φ = 5.7396e-005
1109.	N = 80,	t = [ 18 14 8 7 ],	Φ = 5.9131e-005
1110.	N = 110,	t = [ 25 18 11 10 ],	Φ = 6.0722e-005

1111.	N = 85,	t = [ 19 15 8 8 ],	Φ = 6.1235e-005
1112.	N = 91,	t = [ 20 15 9 9 ],	Φ = 6.1871e-005
1113.	N = 86,	t = [ 19 14 9 8 ],	Φ = 6.2567e-005
1114.	N = 67,	t = [ 15 11 7 6 ],	Φ = 6.3728e-005
1115.	N = 112,	t = [ 25 20 11 10 ],	Φ = 6.4484e-005
1116.	N = 102,	t = [ 23 18 10 9 ],	Φ = 6.7103e-005
1117.	N = 68,	t = [ 15 12 7 6 ],	Φ = 6.9132e-005
1118.	N = 92,	t = [ 20 16 9 9 ],	Φ = 6.9919e-005
1119.	N = 75,	t = [ 17 13 7 7 ],	Φ = 7.3353e-005
1120.	N = 58,	t = [ 13 10 6 5 ],	Φ = 7.6536e-005
1121.	N = 97,	t = [ 21 17 10 9 ],	Φ = 7.6769e-005
1122.	N = 73,	t = [ 16 13 7 7 ],	Φ = 7.7266e-005
1123.	N = 124,	t = [ 28 22 12 11 ],	Φ = 7.9106e-005
1124.	N = 95,	t = [ 21 17 9 9 ],	Φ = 8.0373e-005
1125.	N = 100,	t = [ 22 18 10 9 ],	Φ = 8.0415e-005
1126.	N = 107,	t = [ 24 19 10 10 ],	Φ = 8.1198e-005
1127.	N = 79,	t = [ 18 13 8 7 ],	Φ = 8.1928e-005
1128.	N = 31,	t = [ 7 5 3 3 ],	Φ = 8.3463e-005
1129.	N = 62,	t = [ 14 10 6 6 ],	Φ = 8.3463e-005
1130.	N = 93,	t = [ 21 15 9 9 ],	Φ = 8.3463e-005
1131.	N = 105,	t = [ 23 17 11 10 ],	Φ = 8.8695e-005
1132.	N = 81,	t = [ 18 13 8 8 ],	Φ = 8.9539e-005
1133.	N = 60,	t = [ 13 10 6 6 ],	Φ = 1.0155e-004
1134.	N = 78,	t = [ 17 14 8 7 ],	Φ = 1.0421e-004
1135.	N = 70,	t = [ 16 12 7 6 ],	Φ = 1.1125e-004
1136.	N = 51,	t = [ 11 9 5 5 ],	Φ = 1.1385e-004
1137.	N = 88,	t = [ 20 14 9 8 ],	Φ = 1.1566e-004
1138.	N = 50,	t = [ 11 8 5 5 ],	Φ = 1.1936e-004
1139.	N = 76,	t = [ 17 12 8 7 ],	Φ = 1.2689e-004
1140.	N = 83,	t = [ 18 15 8 8 ],	Φ = 1.3389e-004
1141.	N = 74,	t = [ 17 12 7 7 ],	Φ = 1.3647e-004
1142.	N = 65,	t = [ 14 11 7 6 ],	Φ = 1.3872e-004
1143.	N = 55,	t = [ 12 9 6 5 ],	Φ = 1.5373e-004
1144.	N = 46,	t = [ 10 8 5 4 ],	Φ = 1.7665e-004
1145.	N = 69,	t = [ 15 11 7 7 ],	Φ = 1.7974e-004
1146.	N = 71,	t = [ 16 11 7 7 ],	Φ = 1.8077e-004
1147.	N = 48,	t = [ 11 8 5 4 ],	Φ = 1.9426e-004
1148.	N = 54,	t = [ 12 10 5 5 ],	Φ = 1.9636e-004
1149.	N = 57,	t = [ 13 9 6 5 ],	Φ = 1.9758e-004
1150.	N = 22,	t = [ 5 4 2 2 ],	Φ = 2.0486e-004
1151.	N = 44,	t = [ 10 8 4 4 ],	Φ = 2.0486e-004
1152.	N = 66,	t = [ 15 12 6 6 ],	Φ = 2.0486e-004
1153.	N = 61,	t = [ 13 11 6 6 ],	Φ = 2.0992e-004
1154.	N = 56,	t = [ 12 10 6 5 ],	Φ = 2.1132e-004
1155.	N = 43,	t = [ 10 7 4 4 ],	Φ = 2.1350e-004
1156.	N = 64,	t = [ 14 10 7 6 ],	Φ = 2.3792e-004
1157.	N = 32,	t = [ 7 6 3 3 ],	Φ = 2.4466e-004
1158.	N = 59,	t = [ 13 11 6 5 ],	Φ = 2.5447e-004
1159.	N = 36,	t = [ 8 6 4 3 ],	Φ = 2.5926e-004
1160.	N = 52,	t = [ 12 8 5 5 ],	Φ = 2.7052e-004
1161.	N = 49,	t = [ 11 9 5 4 ],	Φ = 2.7160e-004
1162.	N = 45,	t = [ 10 7 5 4 ],	Φ = 2.9276e-004
1163.	N = 40,	t = [ 9 6 4 4 ],	Φ = 2.9941e-004
1164.	N = 42,	t = [ 9 8 4 4 ],	Φ = 3.7126e-004
1165.	N = 34,	t = [ 8 6 3 3 ],	Φ = 4.1148e-004
1166.	N = 39,	t = [ 9 7 4 3 ],	Φ = 4.4167e-004
1167.	N = 29,	t = [ 6 5 3 3 ],	Φ = 4.4911e-004
1168.	N = 19,	t = [ 4 3 2 2 ],	Φ = 4.6912e-004
1169.	N = 38,	t = [ 8 6 4 4 ],	Φ = 4.6912e-004
1170.	N = 37,	t = [ 8 7 4 3 ],	Φ = 5.1679e-004
1171.	N = 47,	t = [ 10 9 5 4 ],	Φ = 5.2903e-004
1172.	N = 27,	t = [ 6 5 3 2 ],	Φ = 6.8311e-004
1173.	N = 21,	t = [ 5 3 2 2 ],	Φ = 7.8855e-004

1174.	N =	35,	t = [	8	5	4	3	],	Φ =	7.8934e-004
1175.	N =	28,	t = [	6	4	3	3	],	Φ =	8.0431e-004
1176.	N =	26,	t = [	6	4	3	2	],	Φ =	8.1117e-004
1177.	N =	33,	t = [	8	5	3	3	],	Φ =	8.2254e-004
1178.	N =	30,	t = [	7	4	3	3	],	Φ =	1.0040e-003
1179.	N =	24,	t = [	5	4	3	2	],	Φ =	1.0943e-003
1180.	N =	10,	t = [	2	2	1	1	],	Φ =	1.2597e-003
1181.	N =	20,	t = [	4	4	2	2	],	Φ =	1.2597e-003
1182.	N =	12,	t = [	3	2	1	1	],	Φ =	1.4127e-003
1183.	N =	25,	t = [	6	5	2	2	],	Φ =	1.5736e-003
1184.	N =	23,	t = [	5	5	2	2	],	Φ =	1.6628e-003
1185.	N =	17,	t = [	4	3	2	1	],	Φ =	1.8673e-003
1186.	N =	9,	t = [	2	1	1	1	],	Φ =	2.5274e-003
1187.	N =	18,	t = [	4	2	2	2	],	Φ =	2.5274e-003
1188.	N =	14,	t = [	3	2	2	1	],	Φ =	3.1625e-003
1189.	N =	15,	t = [	3	3	2	1	],	Φ =	3.2479e-003
1190.	N =	13,	t = [	3	3	1	1	],	Φ =	3.2793e-003
1191.	N =	16,	t = [	4	2	2	1	],	Φ =	3.9368e-003
1192.	N =	11,	t = [	3	1	1	1	],	Φ =	7.1136e-003
1193.	N =	7,	t = [	1	1	1	1	],	Φ =	1.3203e-002