36 échelles nonoctaviantes de l'Ephémérôde Gorgios

0
12.96296
25.92593
38.88889
51.85185
64.81481
77.77778
90.74074
103.70370
116.66667
129.62963
142.59259
155.55556
168.51852
181.48148
194.44444
207.40741
220.37037
233.33333
246.29630
259.25926
272.22222
285.18519
298.14815
311.11111
324.07407
337.03704
350.00000
362.96296
375.92593
388.88889
401.85185
414.81481
427.77778
440.74074
453.70370
466.66667
479.62963
492.59259
505.55556
518.51852
531.48148
544.44444
557.40741
570.37037
583.33333
596.29630
609.25926
622.22222
635.18519
648.14815
661.11111
674.07407
687.03704
700

54

5te/

0
13.51351
27.02703
40.54054
54.05405
67.56757
81.08108
94.59459
108.10811
121.62162
135.13514
148.64865
162.16216
175.67568
189.18919
202.70270
216.21622
229.72973
243.24324
256.75676
270.27027
283.78378
297.29730
310.81081
324.32432
337.83784
351.35135
364.86486
378.37838
391.89189
405.40541
418.91892
432.43243
445.94595
459.45946
472.97297
486.48649
500.00000

37

4te/

0
14.51613
29.03226
43.54839
58.06452
72.58065
87.09677
101.61290
116.12903
130.64516
145.16129
159.67742
174.19355
188.70968
203.22581
217.74194
232.25806
246.77419
261.29032
275.80645
290.32258
304.83871
319.35484
333.87097
348.38710
362.90323
377.41935
391.93548
406.45161
420.96774
435.48387
450
464.51613
479.03226
493.54839
508.06452
522.58065
537.09677
551.61290
566.12903
580.64516
595.16129
609.67742
624.19355
638.70968
653.22581
667.74194
682.25806
696.77419
711.29032
725.80645
740.32258
754.83871
769.35484
783.87097
798.38710
812.90323
827.41935
841.93548
856.45161
870.96774
885.48387
900

62

6teM/

0
15.09434
30.18868
45.28302
60.37736
75.47170
90.56604
105.66038
120.75472
135.84906
150.94340
166.03774
181.13208
196.22642
211.32075
226.41509
241.50943
256.60377
271.69811
286.79245
301.88679
316.98113
332.07547
347.16981
362.26415
377.35849
392.45283
407.54717
422.64151
437.73585
452.83019
467.92453
483.01887
498.11321
513.20755
528.30189
543.39623
558.49057
573.58491
588.67925
603.77358
618.86792
633.96226
649.05660
664.15094
679.24528
694.33962
709.43396
724.52830
739.62264
754.71698
769.81132
784.90566
800

53

6tem/

0
15.68627
31.37255
47.05882
62.74510
78.43137
94.11765
109.80392
125.49020
141.17647
156.86275
172.54902
188.23529
203.92157
219.60784
235.29412
250.98039
266.66667
282.35294
298.03922
313.72549
329.41176
345.09804
360.78431
376.47059
392.15686
407.84314
423.52941
439.21569
454.90196
470.58824
486.27451
501.96078
517.64706
533.33333
549.01961
564.70588
580.39216
596.07843
611.76471
627.45098
643.13725
658.82353
674.50980
690.19608
705.88235
721.56863
737.25490
752.94118
768.62745
784.31373
800

51

0
16.98113
33.96226
50.94340
67.92453
84.90566
101.88679
118.86792
135.84906
151.82019
167.79245
183.77358
199.75472
215.73585
231.71698
247.69811
263.67925
279.66038
295.64151
311.62264
327.60377
343.58490
359.56604
375.54717
391.52830
407.50943
423.49057
439.47170
455.45283
471.43396
487.41509
503.39623
519.37736
535.35849
551.33962
567.32075
583.30189
599.28302
615.26415
631.24528
647.22642
663.20755
679.18868
695.16981
711.15094
727.13208
743.11321
759.09434
775.07547
791.05660
807.03774
823.01887
839.00000
855.98113
871.96226
887.94340
903.92453
919.90566
935.88679
951.86792
967.84906
983.83019
999.81132
1015.79245
1031.77358
1047.75472
1063.73585
1079.71698
1095.69811
1111.67925
1127.66038
1143.64151
1159.62264
1175.60377
1191.58491
1207.56604
1223.54717
1239.52830
1255.50943
1271.49057
1287.47170
1303.45283
1319.43396
1335.41509
1351.39623
1367.37736
1383.35849
1399.33962
1415.32075
1431.30189
1447.28302
1463.26415
1479.24528
1495.22642
1511.20755
1527.18868
1543.16981
1559.15094
1575.13208
1591.11321
1607.09434
1623.07547
1639.05660
1655.03774
1671.01887
1687.00000
1703.98113
1719.96226
1735.94340
1751.92453
1767.90566
1783.88679
1799.86792
1815.84906
1831.83019
1847.81132
1863.79245
1879.77358
1895.75472
1911.73585
1927.71698
1943.69811
1959.67925
1975.66038
1991.64151
2007.62264
2023.60377
2039.58491
2055.56604
2071.54717
2087.52830
2103.50943
2119.49057
2135.47170
2151.45283
2167.43396
2183.41509
2199.39623
2215.37736
2231.35849
2247.33962
2263.32075
2279.30189
2295.28302
2311.26415
2327.24528
2343.22642
2359.20755
2375.18868
2391.16981
2407.15094
2423.13208
2439.11321
2455.09434
2471.07547
2487.05660
2503.03774
2519.01887
2535.00000
2550.98113
2566.96226
2582.94340
2598.92453
2614.90566
2630.88679
2646.86792
2662.84906
2678.83019
2694.81132
2710.79245
2726.77358
2742.75472
2758.73585
2774.71698
2790.69811
2806.67925
2822.66038
2838.64151
2854.62264
2870.60377
2886.58491
2902.56604
2918.54717
2934.52830
2950.50943
2966.49057
2982.47170
2998.45283
3014.43396
3030.41509
3046.39623
3062.37736
3078.35849
3094.33962
3110.32075
3126.30189
3142.28302
3158.26415
3174.24528
3190.22642
3206.20755
3222.18868
3238.16981
3254.15094
3270.13208
3286.11321
3302.09434
3318.07547
3334.05660
3350.03774
3366.01887
3382.00000
3397.98113
3413.96226
3429.94340
3445.92453
3461.90566
3477.88679
3493.86792
3509.84906
3525.83019
3541.81132
3557.79245
3573.77358
3589.75472
3605.73585
3621.71698
3637.69811
3653.67925
3669.66038
3685.64151
3701.62264
3717.60377
3733.58491
3749.56604
3765.54717
3781.52830
3797.50943
3813.49057
3829.47170
3845.45283
3861.43396
3877.41509
3893.39623
3909.37736
3925.35849
3941.33962
3957.32075
3973.30189
3989.28302
4005.26415
4021.24528
4037.22642
4053.20755
4069.18868
4085.16981
4101.15094
4117.13208
4133.11321
4149.09434
4165.07547
4181.05660
4197.03774
4213.01887
4229.00000

55

4te/

0
17.85714
35.71429
53.57143
71.42857
89.28571
107.14286
125
142.85714
160.71429
178.57143
196.42857
214.28571
232.14286
250
267.85714
285.71429
303.57143
321.42857
339.28571
357.14286
375
392.85714
410.71429
428.57143
446.42857
464.28571
482.14286
500

28

4te/

0
18.91892
37.83784
56.75676
75.67568
94.59459
113.51351
132.43243
151.35135
170.27027
189.18919
208.10811
227.02703
245.94595
264.86486
283.78378
302.70270
321.62162
340.54054
359.45946
378.37838
397.29730
416.21622
435.13514
454.05405
472.97297
491.89189
510.81081
529.72973
548.64865
567.56757
586.48649
605.40541
624.32432
643.24324
662.16216
681.08108
700

37

5te/

0
20.51282
41.02564
61.53846
82.05128
102.56410
123.07692
143.58974
164.10256
184.61538
205.12821
225.64103
246.15385
266.66667
287.17949
307.69231
328.20513
348.71795
369.23077
389.74359
410.25641
430.76923
451.28205
471.79487
492.30769
512.82051
533.33333
553.84615
574.35897
594.87179
615.38462
635.89744
656.41026
676.92308
697.43590
717.94872
738.46154
758.97436
779.48718
800

39

6tem/

0
21.21212
42.42424
63.63636
84.84848
106.06061
127.27273
148.48485
169.69697
190.90909
212.12121
233.33333
254.54545
275.75758
296.96970
318.18182
339.39394
360.60606
381.81818
403.03030
424.24242
445.45455
466.66667
487.87879
509.09091
530.30303
551.51515
572.72727
593.93939
615.15152
636.36364
657.57576
678.78788
700

33

5te/

0
23.80952
47.61905
71.42857
95.23810
119.04762
142.85714
166.66667
190.47619
214.28571
238.09524
261.90476
285.71429
309.52381
333.33333
357.14286
380.95238
404.76190
428.57143
452.38095
476.19048
500

21

4te/

0
25.92593
51.85185
77.77778
103.70370
129.62963
155.55556
181.48148
207.40741
233.33333
259.25926
285.18519
311.11111
337.03704
362.96296
388.88889
414.81481
440.74074
466.66667
492.59259
518.51852
544.44444
570.37037
596.29630
622.22222
648.14815
674.07407
700

27

5te/

0
27.58621
55.17241
82.75862
110.34483
137.93103
165.51724
193.10345
220.68966
248.27586
275.86207
303.44828
331.03448
358.62069
386.20690
413.79310
441.37931
468.96552
496.55172
524.13793
551.72414
579.31034
606.89655
634.48276
662.06897
689.65517
717.24138
744.82759
772.41379
800

29

5te/

6tem/

0
29.03226
58.06452
87.09677
116.12903
145.16129
174.19355
203.22581
232.25806
261.29032
290.32258
319.35484
348.38710
377.41935
406.45161
435.48387
464.51613
493.54839
522.58065
551.61290
580.64516
609.67742
638.70968
667.74194
696.77419
725.80645
754.83871
783.87097
812.90323
841.93548
870.96774
900

31

6teM/

0
30.64211
61.28422
91.92633
122.56844
153.21055
183.85266
214.49477
245.13688
275.77899
306.42111
337.06322
367.70533
398.34744
428.98955
459.63166
490.27377
520.91588
551.55799
582.20010
612.84221
643.48432
674.12643
704.76854
735.41065
766.05276
796.69487
827.33698
857.97909
888.62121
919.26332
949.90543
980.54754
1011.18965
1041.83176
1072.47387
1103.11598
1133.75809
1164.40020
1195.04231
1225.68442

57

H

0
32
64
96
128
160
192
224
256
288
320
352
384
416
448
480
512
544
576
608
640
672
704
736
768
800

25

6tem/

0
34.78261
69.56522
104.34783
139.13043
173.91304
208.69565
243.47826
278.26087
313.04348
347.82609
382.60870
417.39130
452.17391
486.95652
521.73913
556.52174
591.30435
626.08696
660.86957
695.65217
730.43478
765.21739
800

23

6tem/

0
36.84211
73.68421
110.52632
147.36842
184.21053
221.05263
257.89474
294.73684
331.57895
368.42105
405.26316
442.10526
478.94737
515.78947
552.63158
589.47368
626.31579
663.15789
700

19

5te/

0
39.80024
79.60047
119.40071
159.20095
199.00119
238.80142
278.60166
318.40190
358.20213
398.00237
437.80261
477.60284
517.40308
557.20332
597.00356
636.80379
676.60403
716.40427
756.20450
796.00474
835.80498
875.60521
915.40545
955.20569
995.00592
1034.80616
1074.60640
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1154.20687
1194.00711
1233.80735

44

H

0
42.10526
84.21053
126.31579
168.42105
210.52632
252.63158
294.73684
336.84211
378.94737
421.05263
463.15789
505.26316
547.36842
589.47368
631.57895
673.68421
715.78947
757.89474
800

19

6tem/

0
46.16898
92.33795
138.50693
184.67591
230.84488
277.01386
323.18284
369.35182
415.52079
461.68977
507.85875
554.02772
600.19670
646.36568
692.53466
738.70363
784.87261
831.04159
877.21056
923.37954
969.54852
1015.71749
1061.88647
1108.05545
1154.22443
1200.39340

38

H

octaviante

0
51.68247
103.36493
155.04740
206.72986
258.41233
310.09480
361.77726
413.45973
465.14219
516.82466
568.50713
620.18959
671.87206
723.55452
775.23699
826.91946
878.60192
930.28439
981.96685
1033.64932
1085.33179
1137.01425
1188.69672
1240.37918

34

H

0
56.25
112.5
168.75
225
281.25
337.5
393.75
450
506.25
562.5
618.75
675
731.25
787.5
843.75
900

16

6teM/

0
62.9609
125.92181
188.88271
251.84362
314.80453
377.76543
440.72634
503.68724
566.64815
629.60905
692.56996
755.53086
818.49176
881.45267
944.41357
1007.37448
1070.33538
1133.29629
1196.25719
1259.2181

28

H

0
70.6724
141.3448
212.0172
282.6896
353.362
424.0344
494.7068
565.3792
636.0516
706.724
777.3964
848.0688
918.7412
989.4136
1060.086
1130.7584
1201.4308

25

H

octaviante

0
80.537
161.074
241.611
322.148
402.685
483.222
563.759
644.296
724.833
805.37
885.907
966.444
1046.981
1127.518
1208.055

22

H

0
90
180
270
360
450
540
630
720
810
900

10

6teM/

0
116.66667
233.33333
350
466.66667
583.33333
700

6

5te/

0
137.5
275
412.5
550
687.5
825
962.5
1100

8

7eM/

0
150
300
450
600
750
900

6

3/4 de ton octaviante 6teM/

8ve/8

0
163.63636
327.27273
490.90909
654.54545
818.18182
981.81818
1145.45455
1309.09091
1472.72727
1636.36364
1800

11

8ve+4te+/

0
180
360
540
720
900

5

6teM/

0
186.66667
373.33333
560
746.66667
933.33333
1120
1306.66667
1493.33333
1680
1866.66667
2053.33333
2240
2426.66667
2613.33333
2800

15

2x8ve+4te/

0
215.38462
430.76923
646.15385
861.53846
1076.92308
1292.30769
1507.69231
1723.07692
1938.46154
2153.84615
2369.23077
2584.61538
2800

13

2x8ve+3ceM/

0
226.66667
453.33333
680
906.66667
1133.33333
1360
1586.66667
1813.33333
2040
2266.66667
2493.33333
2720
2946.66667
3173.33333
3400

15

2x8ve+6tem/

0
266.87091
533.74181
800.61272
1067.48362
1334.35453

7

H