# 34 échelles nonoctaviantes et 2 octaviantes de l’Ephémérôde Erkc

0
**12.82051**
25.64103
38.46154
51.28205
64.10256
76.92308
89.74359
102.56410
115.38462
128.20513
141.02564
153.84615
166.66667
179.48718
192.30769
205.12821
217.94872
230.76923
243.58974
256.41026
269.23077
282.05128
294.87179
307.69231
320.51282
333.33333
346.15385
358.97436
371.79487
384.61538
397.43590
410.25641
423.07692
435.89744
448.71795
461.53846
474.35897
487.17949
500

**39**

4te/

0
**13.43284**
26.86567
40.29851
53.73134
67.16418
80.59701
94.02985
107.46269
120.89552
134.32836
147.76119
161.19403
174.62687
188.05970
201.49254
214.92537
228.35821
241.79104
255.22388
268.65672
282.08955
295.52239
308.95522
322.38806
336.84211
350.87719
364.91228
378.94737
392.98246
407.01754
421.05263
435.08772
449.12281
463.15789
477.19298
491.22807
505.26316
519.29825
533.33333
547.36842
561.40351
575.43860
589.47368
603.50877
617.54386
631.57895
645.61404
659.64912
673.68421
687.71930
701.75439
715.78947
729.82456
743.85965
757.89474
771.92982
785.96491
800

**57**

0
**14.03509**
28.07018
42.10526
56.14035
70.17544
84.21053
98.24561
112.28070
126.31579
140.35088
154.38596
168.42105
182.45614
196.49123
210.52632
224.56140
238.59649
252.63158
266.66667
280.70175
294.73684
308.77193
322.80702
336.84211
350.87719
364.91228
378.94737
392.98246
407.01754
421.05263
435.08772
449.12281
463.15789
477.19298
491.22807
505.26316
519.29825
533.33333
547.36842
561.40351
575.43860
589.47368
603.50877
617.54386
631.57895
645.61404
659.64912
673.68421
687.71930
701.75439
715.78947
729.82456
743.85965
757.89474
771.92982
785.96491
800

**47**

5te/

0
**14.89362**
29.78723
44.68085
59.57447
74.46809
89.36170
104.25532
119.14894
134.04255
148.93617
163.82979
178.72340
193.61702
208.51064
223.40426
238.29787
253.19149
268.08511
282.97872
297.87234
312.76596
327.65957
342.55319
357.44681
372.34043
387.23404
402.12766
417.02128
431.91489
446.80851
461.70213
476.59574
491.48936
506.38298
521.27660
536.17021
551.06383
565.95745
580.85106
595.74468
610.63830
625.53191
640.42553
655.31915
670.21277
685.10638
700

**45**

5te/

0
**15.55556**
31.11111
46.66667
62.22222
77.77778
93.33333
108.88889
124.44444
140
155.55556
171.11111
186.66667
202.22222
217.77778
233.33333
248.88889
264.44444
280
295.55556
311.11111
326.66667
342.22222
357.77778
373.33333
388.88889
404.44444
420
435.55556
451.11111
466.66667
482.22222
497.77778
513.33333
528.88889
544.44444
560
575.55556
591.11111
606.66667
622.22222
637.77778
653.33333
668.88889
684.44444
700

**49**

6tem/

0
**16.32653**
32.65306
48.97959
65.30612
81.63265
97.95918
114.28571
130.61224
146.93878
163.26531
179.59184
195.91837
212.24490
228.57143
244.89796
261.22449
277.55102
293.87755
310.20408
326.53061
342.85714
359.18367
375.51020
391.83673
408.16327
424.48980
440.81633
457.14286
473.46939
489.79592
506.12245
522.44898
538.77551
555.10204
571.42857
587.75510
604.08163
620.40816
636.73469
653.06122
669.38776
685.71429
702.04082
718.36735
734.69388
751.02041
767.34694
783.67347
800

**5te/**

0
**17.5**
35
52.5
70
87.5
105
122.5
140
157.5
175
192.5
210
227.5
245
262.5
280
297.5
315
332.5
350
367.5
385
402.5
420
437.5
455
472.5
490
507.5
525
542.5
560
577.5
595
612.5
630
647.5
665
682.5
700

**40**

0
**18.51852**
37.03704
55.55556
74.07407
92.59259
111.11111
129.62963
148.14815
166.66667
185.18519
203.70370
222.22222
240.74074
259.25926
277.77778
296.29630
314.81481
333.33333
351.85185
370.37037
388.88889
407.40741
425.92593
444.44444
462.96296
481.48148
500

**27**

4te/

0
**19.56522**
39.13043
58.69565
78.26087
97.82609
117.39130
136.95652
156.52174
176.08696
195.65217
215.21739
234.78261
254.34783
273.91304
293.47826
313.04348
332.60870
352.17391
371.73913
391.30435
410.86957
430.43478
450
469.56522
489.13043
508.69565
528.26087
547.82609
567.39130
586.95652
606.52174
626.08696
645.65217
665.21739
684.78261
704.34783
723.91304
743.47826
763.04348
782.60870
802.17391
821.73913
841.30435
860.86957
880.43478
900

**46**

6teM/

0
**21.73913**
43.47826
65.21739
86.95652
108.69565
130.43478
152.17391
173.91304
195.65217
239.13043
260.86957
282.60870
304.34783
326.08696
347.82609
369.56522
391.30435
413.04348
434.78261
478.26087
500

**23**

4te/

0
**22.58065**
45.16129
67.74194
90.32258
112.90323
135.48387
158.06452
180.64516
203.22581
225.80645
248.38710
270.96774
293.54839
316.12903
338.70968
361.29032
383.87097
406.45161
429.03226
451.61290
474.19355
496.77419
519.35484
541.93548
564.51613
587.09677
609.67742
632.25806
654.83871
677.41935
700

**31**

5te/

0
**25.71429**
51.42857
77.14286
102.85714
128.57143
154.28571
180
205.71429
231.42857
257.14286
282.85714
308.57143
334.28571
360
385.71429
411.42857
437.14286
462.85714
488.57143
514.28571
540
565.71429
591.42857
617.14286
642.85714
668.57143
694.28571
720
745.71429
771.42857
797.14286
822.85714
848.57143
874.28571
900

**35**

6teM/

0
**26.92308**
53.84615
80.76923
107.69231
134.61538
161.53846
188.46154
215.38462
242.30769
269.23077
296.15385
323.07692
350
376.92308
403.84615
430.76923
457.69231
484.61538
511.53846
538.46154
565.38462
592.30769
619.23077
646.15385
673.07692
700

**26**

5te/

0
**28.15077**
56.30153
84.4523
112.60307
140.75384
168.9046
197.05537
225.20614
253.35691
281.50767
309.65844
337.80921
365.95998
394.11074
422.26151
450.41228
478.56305
506.71381
534.86458
563.01535
591.16612
619.31688
647.46765
675.61842
703.76918
731.91995
760.07072
788.22149
816.37225
844.52302
872.67379
900.82456
928.97532
957.12609
985.27686
1013.42763
1041.57839
1069.72916
1097.87993
1126.0307
1154.18146
1182.33223
1210.483

**62**
**H**

0
**29.62963**
59.25926
88.88889
118.51852
148.14815
177.77778
207.40741
237.03704
266.66667
296.29630
325.92593
355.55556
385.18519
414.81481
444.44444
474.07407
503.70370
533.33333
562.96296
592.59259
622.22222
651.85185
681.48148
711.11111
740.74074
770.37037
800

**27**

6tem/

0
**30.43478**
60.86957
91.30435
121.73913
152.17391
182.60870
213.04348
243.47826
273.91304
304.34783
334.78261
365.21739
395.65217
426.08696
456.52174
486.95652
517.39130
547.82609
578.26087
608.69565
639.13043
669.56522
700

**23**

5te/

0
**34.28298**
68.56597
102.84895
137.13193
171.41492
205.6979
239.98088
274.26386
308.54685
342.82983
377.11281
411.39580
445.67878
479.96176
514.24475
548.52773
582.81071
617.09369
651.37668
685.65966
719.94264
754.22563
788.50861
822.79159
857.07458
891.35756
925.64054
959.92352
994.20651
1028.48949
1062.77247
1097.05546
1131.33844
1165.62142
1199.9044

**51**
**H**

**8ve/35**

octaviante

0
**36**
72
108
144
180
216
252
288
324
360
396
432
468
504
540
576
612
648
684
720
756
792
828
864
900

**25**

6teM/

0
**38.88889**
77.77778
116.66667
155.55556
194.44444
233.33333
272.22222
311.11111
350
388.88889
427.77778
466.66667
505.55556
544.44444
583.33333
622.22222
661.11111
700

**18**

5te/

0
**41.71850**
83.43700
125.15551
166.87401
208.59251
250.31101
292.02951
333.74802
375.46652
417.18502
458.90352
500.62202
542.34053
584.05903
625.77753
667.49603
709.21453
750.93304
792.65154
834.37004
876.08854
917.80704
959.52555
1001.24405
1042.96255
1084.68105
1126.39955
1168.11806
1209.83656

**42**
**H**

0
**45**
90
135
180
225
270
315
360
405
450
495
540
585
630
675
720
765
810
855
900

**20**

6teM/

0
**48.77038**
97.54076
146.31114
195.08152
243.85190
292.62229
341.39267
390.16305
438.93343
487.70381
536.47419
585.24457
634.01495
682.78533
731.55571
780.32610
829.09648
877.86686
926.63724
975.40762
1024.17800
1072.94838
1121.71876
1170.48914
1219.25952

**36**
**H**

0
**54.96443**
109.92886
164.89328
219.85771
274.82214
329.78657
384.75100
439.71542
494.67985
549.64428
604.60871
659.57314
714.53756
769.50199
824.46642
879.43085
934.39528
989.35970
1044.32413
1099.28856
1154.25299
1209.21742

**32**
**H**

1/4 de ton grec enharmonique

0
**61.53846**
123.07692
184.61538
246.15385
307.69231
369.23077
430.76923
492.30769
553.84615
615.38462
676.92308
738.46154
800

**13**

6tem/

0
**69.23077**
138.46154
207.69231
276.92308
346.15385
415.38462
484.61538
553.84615
623.07692
692.30769
761.53846
830.76923
900

**13**

6teM/

0
**76.92308**
153.84615
230.76923
307.69231
384.61538
461.53846
538.46154
615.38462
692.30769
769.23077
846.15385
923.07692
1000

**13**

7em/

0
**88.8007**
177.6014
266.4021
355.2028
444.0035
532.8042
621.6049
710.4056
799.2063
888.007
976.8077
1065.6084
1154.4091
1243.2098

**20**
**H**

0
**104.9554**
209.9108
314.8662
419.8216
524.777
629.7324
734.6878
839.6432
944.5986
1049.554
1154.5094

**17**
**H**

0
**128.29820**
256.59640
384.89460
513.19280
641.49100
769.78920
898.08740
1026.38560
1154.68380
1282.98200

**14**
**H**

0
**145.45455**
290.90909
436.36364
581.81818
727.27273
872.72727
1018.18182
1163.63636
1309.09091
1454.54545
1600

**11**

**8ve+3ceM/**

0
**160**
320
480
640
800

**5**

**6tem/**

0
**175**
350
525
700

**4**

**4te/**

0
**184.61538**
369.23077
738.46154
923.07692
1107.69231
1292.30769
1476.92308
1661.53846
1846.15385
2030.76923
2215.38462
2400

**13**

**2x8ve/**

double octaviante

0
**213.33333**
426.66667
640
853.33333
1066.66667
1280
1493.33333
1706.66667
1920
2133.33333
2346.66667
2560
2773.33333
2986.66667
3200

**15**

**2x8ve+6tem/**

0
**225**
450
675
900

**4**

**6teM/**

0
**242.85714**
485.71429
728.57143
971.42857
1214.28571
1457.14286
1700

**7**

**8ve+4te/**

0
**12.8205**
25.64103
38.46154
51.28205
64.10256
76.9230