AEOLIC.SCL
Ancient Greek Aeolic, also tritriadic scale of the 54:64:81 triad
7
9/8
32/27
4/3
3/2
128/81
16/9
2/1

AGRICOLA.SCL
Agricola's Monochord
12
135/128
9/8
1215/1024
81/64
4/3
45/32
3/2
405/256
27/16
16/9
243/128
2

ALPHA.SCL
Wendy Carlos' Alpha scale with perfect fifth divided in nine
18
78.000 cents
156.000 cents
234.000 cents
312.000 cents
390.000 cents
468.000 cents
546.000 cents
624.000 cents
702.000 cents
780.000 cents
858.000 cents
936.000 cents
1014.000 cents
1092.000 cents
1170.000 cents
1248.000 cents
1326.000 cents
1404.000 cents

ANON1.SCL
Anonymus: Pro clavichordiis faciendis, Erlangen 15th century
12
256/243
4096/3645
32/27
5/4
4/3
1024/729
3/2
128/81
2048/1215
16/9
15/8
2/1
---

arch_enht7.scl
Complex 11 of p. 113 based on Archytas's Enharmonic
7
36/35
28/27
16/15
192/175
4/3
48/35
2/1

ARCH_DIAT.SCL
Archytas' Diatonic, also Lyra tuning
7
28/27
32/27
4/3
3/2
14/9
16/9
2/1

ARCH_DOR.SCL
Dorian mode of Archytas' Chromatic with added 16/9
8
28/27
9/8
4/3
3/2
14/9
16/9
27/16
2/1

ARCH-ENH2.SCL
Archytas' Enharmonic with added 16/9
8
28/27
16/15
4/3
3/2
14/9
16/9
8/5
2/1
---

arch_enh3.scl
Complex 9 of p. 113 based on Archytas's Enharmonic
7
8/27
6/15
9/7
4/3
48/35
12/7
2/1

ARCH_ENHp.scl
Permutation of Archytas's Enharmonic with the 36/35 first
7
36/35
16/15
4/3
3/2
54/35
8/5
2/1
---

arch_enht.scl
Complex 6 of p. 113 based on Archytas's Enharmonic
7
36/35
28/27
16/15
9/7
4/3
27/14
2/1

(es folgen mehrere Varianten)
---

arch_enh.scl
Archytas' Enharmonic
7
28/27
16/15
4/3
3/2
14/9
8/5
2/1
---

arch_mult.scl
Multiple Archytas
12
28/27
16/15
5/4
9/7
4/3
112/81
3/2
14/9
8/5
15/8
27/14
2/1
---

arch_ptol.scl
Archytas/Ptolemy Hybrid 1
12
28/27
16/15
10/9
32/27
4/3
112/81
3/2
14/9
8/5
5/3
16/9
2/1
---

arch_ptol2.scl
Archytas/Ptolemy Hybrid 2
12
28/27
16/15
9/8
6/5
4/3
112/81
3/2
14/9
8/5
27/16
9/5
2/1
---

arch_sept.scl
Archytas Septimal
12
28/27
16/15
9/8
32/27
4/3
112/81
3/2
14/9
8/5
27/16
16/9
2/1
---

ariel_19.scl
Ariel 19-tone scale
19
25/24
16/15
10/9
125/108
6/5
5/4

32/25
4/3
25/18
36/25
3/2
25/16
8/5
5/3
216/125
9/5
15/8
48/25
2/1

---

ariel_31.scl
Ariel's 31-tone system
31
128/125
25/24
16/15
625/576
9/8
144/125
75/64
6/5
625/512
5/4
32/25
125/96
4/3
512/375
25/18
36/25
375/256
3/2
192/125
25/16
8/5
1024/625
5/3
128/75
125/72
16/9
1152/625
15/8
48/25
125/64
2/1

---

ariel1.scl
Ariel 1
12
27/25
9/8
6/5
5/4
4/3
25/18
3/2
8/5
5/3
9/5
15/8
2

---

ariel2.scl
Ariel 2
12
16/15
10/9
6/5
5/4
4/3
25/18
3/2
8/5
5/3
9/5
15/8
2

---

ariel3.scl
Ariel's 12-tone JI scale
12
16/15
10/9
32/27
100/81
4/3
25/18
3/2
8/5
5/3
16/9
50/27
2/1

---

arist_archenh.scl
PsAristo Arch. Enharmonic, 4 +3 + 23 parts, similar to Archytas' enharmonic
7
66.667 cents
116.667 cents
500.000 cents
700.000 cents
766.667 cents
816.667 cents
2/1

---

arist_chrom.scl
Dorian Mode, Neo-Chromatic tetrachord, 6 +18 +6 parts
7
100.000 cents
400.000 cents
500.000 cents
700.000 cents
800.000 cents
1100.000 cents
2/1

---

arist_chrom2.scl
Dorian Mode, a 1:2 Chromatic, 8 +18 +4 parts
7
133.333 cents
433.333 cents
500.000 cents
700.000 cents
833.333 cents
1133.333 cents
2/1

---

arist_chrom3.scl
PsAristo 3 Chromatic, 7 +7 +16 parts
7
445/416
230/201
295/221
442/295
928/579
1159/676
2/1

ARIST_CHROM4.scl
PsAristo Chromatic, 5.5 +5.5 +19 parts
7
91.667 cents
183.333 cents
500.000 cents
700.000 cents
791.667 cents
883.333 cents
2/1

---

arist_chromenh.scl
PsAristo Ch/Enh, 3 + 9 +18 parts
7
50.000 cents
200.000 cents
500.000 cents
700.000 cents
770.000 cents
900.000 cents
2/1

---

arist_chrominv.scl
Aristo's Inverted Chromatic, Dorian Mode 18 +6 +6 parts
7
300.000 cents
400.000 cents
500.000 cents
700.000 cents
1000.000 cents
1100.000 cents
2/1

---

arist_chromrej.scl
Aristoxenos Rejected Chromatic, 6 +3 +21 parts
7
100.000 cents
150.000 cents
500.000 cents
700.000 cents
800.000 cents
850.000 cents
2/1

ARIST_CHROMunm.scl
Unmelodic Chromatic, genus of Aristoxenos, Dorian Mode, 4.5 + 3.5 +22 parts
7
75.000 cents
133.333 cents
500.000 cents
700.000 cents
775.000 cents
833.333 cents
2/1

---

arist_diat.scl
Phrygian octave species on E, 12 +6 +12 parts
7
200.000 cents
300.000 cents
500.000 cents
700.000 cents
900.000 cents
1000.000 cents
2/1

---

arist_diat2.scl
PsAristo 2 Diatonic, 7 +11 +12 parts
7
116.667 cents
300.000 cents
500.000 cents
700.000 cents
816.667 cents
1000.000 cents
2/1

ARIST_DIAT3.scl
PsAristo Diat 3, 9.5 + 9.5 +11 parts
7
158.333 cents
316.667 cents
500.000 cents
700.000 cents
858.333 cents
1016.667 cents
2/1

---

arist_diat4.scl

PsAristo Diatonic, 8 + 8 +14 parts
7
133.333 cents
266.667 cents
500.000 cents
700.000 cents
833.333 cents
966.667 cents
2/1

---

arist_diatdor.scl
PsAristo Redup. Diatonic, 14 +2 +14 parts
7
233.333 cents
266.667 cents
500.000 cents
700.000 cents
933.333 cents
966.667 cents
2/1

---

arist_diatinv.scl
Lydian octave species on E, Major Mode, 12 +12 +6 parts
7
200.000 cents
400.000 cents
500.000 cents
700.000 cents
900.000 cents
1100.000 cents
2/1

---

arist_diatred.scl
Aristo Redup. Diatonic, Dorian Mode, 14 +14 +2 parts
7
233.333 cents
466.667 cents
500.000 cents
700.000 cents
933.333 cents
1166.667 cents
2/1

ARIST_DIATRED2.scl PsAristo 2 Redup. Diatonic 2, 4 +13 + 13 parts
7
66.667 cents
283.333 cents
500.000 cents
700.000 cents
766.667 cents
983.333 cents
2/1

ARIST_DIATRED3.scl PsAristo 3 Redup. Diatonic, 8 +11 +11 parts
7
133.333 cents
316.667 cents
500.000 cents
700.000 cents
833.333 cents
1016.667 cents
2/1

---

arist_enh.scl
Aristoxenos's Enharmonion, Dorian Mode
7
50.000 cents
100.000 cents
500.000 cents
700.000 cents
750.000 cents
800.000 cents
2/1

---

arist_enh2.scl
PsAristo 2 Enharmonic, 3.5 +3.5 +23 parts
7
58.333 cents
116.667 cents
500.000 cents
700.000 cents
758.333 cents
816.667 cents
2/1

---

arist_enh3.scl
PsAristo Enharmonic, 2.5 +2.5 +25 parts
7
41.667 cents
83.333 cents
500.000 cents
700.000 cents
741.667 cents
783.333 cents
2/1

---

arist_hemchrom.scl
Aristoxenos's Chromatic Hemiolion, Dorian Mode
7
75.000 cents
150.000 cents
500.000 cents
700.000 cents
775.000 cents
850.000 cents
2/1

ARIST_HEMCHROM2.scl PsAristo C/H Chromatic, 4.5 +7.5 + 18 parts
7
75.000 cents
200.000 cents
500.000 cents
700.000 cents
775.000 cents
900.000 cents
2/1

ARIST_HEMCHROM3.scl Dorian mode of Aristoxenos' Hemiolic Chromatic according to Ptolemy's interpretation
7
80/77
40/37
4/3
3/2
120/77
60/37
2/1

---

arist_hypenh2.scl
PsAristo 2nd Hyperenharmonic, 37.5 + 37.5 +425 cents
7
37.500 cents
75.000 cents
500.000 cents
700.000 cents
737.500 cents
775.000 cents
2/1

---

arist_hypenh3.scl
PsAristo 3 Hyperenharmonic, 1.5 +1.5 + 27 parts
7
25.000 cents
50.000 cents
500.000 cents
700.000 cents
725.000 cents
750.000 cents
2/1

---

arist_hypenh4.scl
PsAristo 4 Hyperenharmonic, 2 +2 +26 parts
7
33.333 cents
66.667 cents
500.000 cents
700.000 cents
733.333 cents
766.667 cents
2/1

ARIST_HYPENH5.scl PsAristo Hyperenharmonic, 23 +23 +454 cents
7
23.000 cents
46.000 cents
500.000 cents
700.000 cents
723.000 cents
746.000 cents
2/1

---

arist_intdiat.scl
Dorian mode of Aristoxenos's Intense Diatonic according to Ptolemy
7
20/19
20/17
4/3
3/2
30/19
30/17
2/1

ARIST_PENH2.SCL
Permuted Aristoxenos's Enharmonion, 3 +24 +3 parts
7
50.000 cents
450.000 cents
500.000 cents
700.000 cents
750.000 cents
1150.000 cents
2/1

---

arist_penh3.scl
Permuted Aristoxenos's Enharmonion, 24 +3 +3 parts
7
400.000 cents
450.000 cents
500.000 cents
700.000 cents
1100.000 cents
1150.000 cents
2/1

---

arist_pschrom2.scl
PsAristo 2 Chromatic, 6.5 +6.5 +17 parts
7
108.333 cents
216.667 cents

500.000 cents
700.000 cents
808.333 cents
916.667 cents
2/1

---

arist_softchrom.scl
Aristoxenos's Chromatic Malakon, Dorian Mode
7
66.667 cents
133.333 cents
500.000 cents
700.000 cents
766.667 cents
833.333 cents
2/1

---

arist_softchrom2.scl
PsAristo S. Chromatic, 6 +16.5 +9.5 parts
7
100.000 cents
375.000 cents
500.000 cents
700.000 cents
800.000 cents
1075.000 cents
2/1

---

arist_SOFTCHROM3.scl
Aristoxenos's Chromatic Malakon, 9.5 + 16.5 +6 parts
7
125.000 cents
400.000 cents
500.000 cents
700.000 cents
825.000 cents
1100.000 cents
2/1

ARIST_SOFTCHROM4.scl PsAristo S. Chromatic, 6 +7.5 + 16.5 parts
7
100.000 cents
225.000 cents
500.000 cents
700.000 cents
800.000 cents
925.000 cents
2/1

ARIST_SOFTCHROM5.scl Dorian mode of Aristoxenos' Soft Chromatic according to Ptolemy's interpretation
7
30/29
15/14
4/3
3/2
45/29
45/28
2/1

---

arist_softdiat.scl
Aristoxenos's Diatonon Malakon, Dorian Mode
7
100.000 cents
250.000 cents
500.000 cents
700.000 cents
800.000 cents
950.000 cents
2/1

ARIST_SOFTDIAT2.SCL Dorian Mode, 6 +15 +9 parts
7
100.000 cents
350.000 cents
500.000 cents
700.000 cents
800.000 cents
1050.000 cents
2/1

---

arist_SOFTDIAT3.scl
Dorian Mode, 9 +15 +6 parts
7
150.000 cents
400.000 cents
500.000 cents
700.000 cents
850.000 cents
1000.000 cents
2/1

---

arist_softdiat4.scl
Dorian Mode, 9 +6 + 15 parts
7
150.000 cents
250.000 cents
500.000 cents
700.000 cents
850.000 cents
950.000 cents
2/1

---

arist_softdiat5.scl
Dorian Mode, 15 +6 +9 parts
7
250.000 cents
350.000 cents
500.000 cents
700.000 cents
950.000 cents
1050.000 cents
2/1

---

arist_softdiat6.scl
Dorian Mode, 15 +9 +6 parts
7
250.000 cents
400.000 cents
500.000 cents
700.000 cents
950.000 cents
1100.000 cents
2/1

ARIST_SOFTDIAT7.scl Dorian mode of Aristoxenos's Soft Diatonic according to Ptolemy
7
20/19
8/7
4/3
3/2
30/19
12/7
2/1

---

arist_synchrom.scl
Aristoxenos's Chromatic Syntonon, Dorian Mode
7
100.000 cents
200.000 cents
500.000 cents
700.000 cents
800.000 cents
900.000 cents
2/1

---

arist_syndiat.scl
Aristoxenos's Diatonon Syntonon, Dorian Mode
7
100.000 cents
300.000 cents
500.000 cents
700.000 cents
800.000 cents
1000.000 cents
2/1

---

arist_unchrom.scl
Aristoxenos's Unnamed Chromatic, Dorian Mode
7
66.667 cents
200.000 cents
500.000 cents
700.000 cents
766.667 cents
900.000 cents
2/1

---

arist_unchrom2.scl
Dorian Mode, a 1:2 Chromatic, 8 +4 +18 parts
7
133.333 cents
200.000 cents
500.000 cents
700.000 cents
833.333 cents
900.000 cents
2/1

ARIST_UNCHROM3.scl Dorian Mode, a 1:2 Chromatic, 18 +4 +8 parts
7
300.000 cents
366.667 cents
500.000 cents
700.000 cents
1000.000 cents
1066.667 cents
2/1

ARIST_UNCHROM4.scl Dorian Mode, a 1:2 Chromatic, 18 +8 +4 parts
7
300.000 cents
433.333 cents
500.000 cents
700.000 cents
1000.000 cents
1133.333 cents
2/1

ATHAN_CHROM.SCL Athanasopoulos's Byzantine Liturgical mode Chromatic
7
150.000 cents
400.000 cents
500.000 cents
700.000 cents
850.000 cents
1100.000 cents
2/1

---

athan_chrom2.scl
Athanasopoulos's Byzantine Liturgical mode 2nd Chromatic
7
100.000 cents
400.000 cents
500.000 cents
700.000 cents
800.000 cents
1100.000 cents
2/1

---

average.scl
Average Bac System
7
10/9
20/17
4/3
3/2
5/3
30/17
2/1

---

avicenna_19.scl
Arabic scale by Ibn Sina
19
256/243
1024/945
9/8
32/27
8192/6561
81/64
4/3
48/35
729/512
4096/2835
3/2
128/81
512/315
27/16
16/9
64/35
243/128
129140163/67108864
2/1

AVICENNA_chrom.scl Dorian mode a chromatic genus of Avicenna
7
36/35
8/7
4/3
3/2
54/35
12/7
2/1

AVICENNA_CHROM2.SCL Dorian Mode, a 1:2 Chromatic, 4 +18 +8 parts
7
66.667 cents
366.667 cents
500.000 cents
700.000 cents
766.667 cents
1066.667 cents
2/1

AVICENNA_CHROM3.scl Avicenna's Chromatic permuted
7
10/9
35/27
4/3
3/2
5/3
35/18
2/1

AVICENNA_diat.scl
Dorian mode a soft diatonic genus of Avicenna
7
14/13
7/6
4/3
3/2
21/13
7/4
2/1

AVICENNA_enh.scl
Dorian mode of Avicenna's (Ibn Sina) Enharmonic genus
7
40/39
16/15
4/3
3/2
20/13
8/5
2/1

---

avicenna.scl
Soft diatonic of Avicenna (Ibn Sina)
7
10/9
8/7
4/3
3/2
5/3
12/7
2/1

---

awraamoff.scl
Awraamoff Septimal Just
12
9/8
8/7
6/5
5/4
21/16
4/3
3/2
8/5
12/7
7/4
15/8
2/1

---

bagpipe.scl
Bagpipe Tuning
12
117/115
146/131
196/169
89/73
141/106
81/59
150/101
125/82
139/84
205/116
11/6
2/1

BAGPIPEA.SCL
Highland Bagpipe, from Acustica4: 231 (1954) J.M.A Lenihan and S. McNeill
7
9/8
5/4
27/20
3/2
5/3
9/5
2/1

BARBOUR_chrom1.scl Barbour's #1 Chromatic
7
55/54
10/9
4/3
3/2
55/36
5/3
2/1

---

barbour_chrom2.scl
Barbour's #2 Chromatic
7
40/39
10/9
4/3
3/2
20/13
5/3
2/1

BARBOUR_CHROM3.SCL Barbour's #3 Chromatic
7
64/63
8/7
4/3
3/2
32/21
12/7
2/1

BARBOUR_CHROM3p.scl permuted Barbour's #3 Chromatic
7
9/8
8/7
4/3
3/2
27/16
12/7
2/1

BARBOUR_CHROM3P2.scl permuted Barbour's #3 Chromatic
7
7/6
32/27
4/3
3/2
7/4
16/9
2/1

BARBOUR_CHROM4.SCL Barbour's #4 Chromatic
7
81/80
9/8
4/3
3/2
243/160
27/16
2/1

BARBOUR_CHROM4p.scl permuted Barbour's #4 Chromatic
7
10/9
9/8
4/3
3/2
5/3

27/16
2/1
BARBOUR_CHROM 4P2.scl permuted Barbour's #4 Chromatic
7
32/27
6/5
4/3
3/2
16/9
9/5
2/1
---
barnes_bach.scl
Barnes-Bach, variation of Young, likely meant for Das Wohltemperierte Klavier
12
256/243
196.198 cents
32/27
392.072 cents
4/3
592.200 cents
698.025 cents
128/81
894.223 cents
16/9
1090.245 cents
2/1
---
boeth_chrom.scl
Boethius's Chromatic. The CI is 19/16
7
256/243
64/57
4/3
3/2
128/81
32/19
2/1
---
boeth_enh.scl
Boethius's Enharmonic, with a CI of 81/64 and added 16/9
8
512/499
256/243
4/3
3/2
768/499
16/9
128/81
2/1
---
byz_palace.scl
Byzantine Palace mode
7
18/17
9/7
4/3
3/2
18/11
9/5
2/1
---
cet105.scl
Equal temperament with very good 6/5 and 13/8
13
105.000 cents
210.001 cents
315.001 cents
420.001 cents
525.002 cents
630.002 cents
735.002 cents
840.003 cents
945.003 cents
1050.003 cents
1155.004 cents
1260.004 cents
11/5
---
cet90.scl
Scale with limma steps
17
256/243
65536/59049
16777216/14348907
360.900 cents
451.125 cents
541.350 cents
631.575 cents
721.800 cents
812.025 cents
902.250 cents
992.475 cents
1082.700 cents
1172.925 cents
1263.150 cents
1353.375 cents
1443.600 cents
1533.825 cents
---
chalmers.scl
Chalmers' 19-tone with more hexanies than Perrett's Tierce-Tone
19
21/20
16/15
9/8
7/6
6/5
5/4
21/16
4/3
7/5
35/24
3/2
63/40
8/5
5/3
7/4
9/5
28/15
63/32
2/1
---
choquel.scl
Choquel/Barbour/Marpurg?
12
25/24
9/8
6/5
5/4
4/3
45/32
3/2
25/16
5/3
20/11
15/8
2/1
---
chrom_int.scl
Intense Chromatic genus 4 +8 +18 parts
7
66.667 cents
200.000 cents
500.000 cents
700.000 cents
766.667 cents
900.000 cents
2/1
---
chrom_new.scl
New Chromatic genus 4.5 +9 +16.5
7
75.000 cents
225.000 cents
500.000 cents
700.000 cents
775.000 cents
925.000 cents
2/1
---
chrom_new2.scl
New Chromatic genus 14/3 +28/3 +16 parts
7
77.778 cents
233.333 cents
500.000 cents
700.000 cents
777.778 cents
933.333 cents
2/1
---
chrom_soft.scl
100/81 Chromatic. This genus is a good approximation to the soft chromatic
7
27/26
27/25
4/3
3/2
81/52
81/50
2/1

CHROM_SOFT2.scl
1:2 Soft Chromatic
7
44.444 cents
133.333 cents
500.000 cents
700.000 cents
744.444 cents
833.333 cents
2/1
---
chrom_soft3.scl
Soft chromatic genus is from K. Schlesinger's modified Mixolydian Harmonia
7
28/27
14/13
4/3
3/2
14/9
21/13
2/1

CHROM_STR.SCL
Strong 32/27 Chromatic
6
14/13
16/13
4/3
56/39
3/2
2/1
---
chrom15_inv.scl
Inverted Chromatic Tonos-15 Harmonia
7
6/5
19/15
4/3
22/15
26/15
28/15
2/1

CHROM15_INV2.scl

A harmonic form of the Chromatic Tonos-15 inverted
7
16/15
17/15
4/3
22/15
23/15
8/5
2/1
---
chrom17_con.scl
Conjunct Tonos-17 Chromatic
7
17/16
17/15
17/12
34/23
17/11
17/9
2/1
---
chrom19_con.scl
Conjunct Tonos-19 Chromatic
7
19/18
19/17
19/14
38/27
19/13
19/11
2/1

CHROM15.scl
Tonos-15 Chromatic
7
15/14
15/13
15/11
3/2
30/19
5/3
2/1
---
chrom17.scl
Tonos-17 Chromatic
7
17/16
17/15
17/12
17/11
34/21
17/10
2/1
---
chrom19.scl
Tonos-19 Chromatic
7
19/18
19/17
19/14
19/13
38/25
19/12
2/1
---
chrom21_inv.scl
Inverted Chromatic Tonos-21 Harmonia
7
26/21
9/7
4/3
32/21
38/21
40/21
2/1

CHROM21_INV2.scl
Inverted harmonic form of the Chromatic Tonos-21
7
16/15
8/7
4/3
32/21
34/21
12/7
2/1
---
chrom23_con.scl
Conjunct Tonos-23 Chromatic
7
23/22
23/21
23/18
23/17
23/16
23/13
2/1
---
chrom25_con.scl
Conjunct Tonos-25 Chromatic
7
50/47
25/22
25/18
25/17
25/16
25/13
2/1
---
chrom27_inv.scl
Inverted Chromatic Tonos-27 Harmonia
7
32/27
34/27
4/3
40/27
16/9
17/9
2/1
---
chrom27_inv2.scl
Inverted harmonic form of the Chromatic Tonos-27
7
28/27
29/27
4/3
40/27
14/9
5/3
2/1
---
chrom29_con.scl
Conjunct Tonos-29 Chromatic
7
29/28
29/27
29/22
29/21
29/20
29/16
2/1
---
chrom21.scl
Tonos-21 Chromatic
7
21/20
21/19
21/16
3/2
14/9
21/13
2/1
---
chrom23.scl
Tonos-23 Chromatic
7
23/22
23/21
23/18
23/16
23/15
23/14
2/1
---
chrom25.scl
Tonos-25 Chromatic
7
50/47
25/22
25/18
25/16
5/3
25/14
2/1
---
chrom27.scl
Tonos-27 Chromatic
7
18/17
9/8
27/20
3/2
27/17
27/16
2/1
---
chrom29.scl
Tonos-29 Chromatic
7
29/28
29/27
29/22
29/20
29/19
29/18
2/1
---
chrom31_con.scl
Conjunct Tonos-31 Chromatic
8
31/29
31/27
31/24
31/23
31/22
31/21
31/18
2/1
---
chrom33_con.scl
Conjunct Tonos-33 Chromatic
7
33/31
33/29
11/8
33/23
3/2
11/6
2/1
---
chrom31.scl
Tonos-31 Chromatic. Tone 24 alternates with 23 as MESE or A
8
31/29
31/27
31/24
31/23
31/22
31/21
31/20
2/1
---
chrom33.scl
Tonos-33 Chromatic. A variant is 66 63 60

48
7
33/31
33/29
11/8
3/2
11/7
33/20
2/1
---
cluster8a.scl
Eight-Tone Triadic
Cluster 4:5:6
8
9/8
5/4
4/3
45/32
3/2
5/3
15/8
2/1
---
cluster8b.scl
Eight-Tone Triadic
Cluster 4:6:5
8
75/64
6/5
5/4
3/2
25/16
8/5
15/8
2/1
---
cluster8c.scl
Eight-Tone Triadic
Cluster 3:4:5
8
10/9
6/5
4/3
25/18
8/5
5/3
50/27
2/1
---
cluster8d.scl
Eight-Tone Triadic
Cluster 3:5:4
8
10/9
5/4
4/3
40/27
3/2
5/3
16/9
2/1
---
cluster8e.scl
Eight-Tone Triadic
Cluster 5:6:8
8
6/5
5/4
32/25
3/2
192/125
8/5
48/25
2/1

CLUSTER8f.scl
Eight-Tone Triadic
Cluster 5:8:6
8
144/125
6/5
4/3
36/25
8/5
5/3
48/25
2/1
---
cluster.scl
13-tone 5-limit
Tritriadic Cluster
13
25/24
9/8
6/5
5/4
4/3
36/25
3/2
25/16
8/5
5/3
9/5
15/8
2/1
This set of notes is sufficient to play all 8 species of the Ellis Trichordals (ma.ma.ma. through mi.mi.mi.) of the 3 types, D->T,M->T, and D->Mwith 1/1 asa common tonic. By modal rotation, all 56 modes of each type are playable. The D->M contain 2 each of 6,7, and 8 tone scales; the other type only 7 tone scale.
For further symmetry, add 25/18 to make 14 tones.
---
colonna1.scl
Colonna 1
12
25/24
10/9
85/72
5/4
4/3
25/18
3/2
55/36
5/3
85/48
15/8
2/1
---
colonna2.scl
Colonna 2
12
25/24
9/8
6/5
5/4
4/3
7/5
3/2
8/5
5/3
9/5
11/6
2/1
---
cont_frac1.scl
Continued fraction
scale 1, see McLaren
in Xenharmonikon 15,
pp.33-38
14
17.586 cents
35.324 cents
144.501 cents
170.140 cents
262.822 cents
393.347 cents
466.181 cents
591.807 cents
692.773 cents
770.284 cents
818.652 cents
932.366 cents
1080.764 cents
1115.066 cents
---
cont_frac2.scl
Continued fraction
scale 2, see McLaren
in Xenharmonikon 15,
pp.33-38
15
46.003 cents
135.968 cents
165.005 cents
257.376 cents
272.981 cents
400.028 cents
422.067 cents
518.453 cents
646.633 cents
704.876 cents
845.880 cents
871.569 cents
1024.875 cents
1064.813 cents
1187.312 cents
---
coul_20.scl
Tuning for a 3-row
symmetrical keyboard,
Op de Coul, 1989
20
100.000 cents
131.283 cents
200.000 cents
268.717 cents
300.000 cents
400.000 cents
431.283 cents
500.000 cents
25/18
600.000 cents
700.000 cents
731.283 cents
800.000 cents
868.717 cents
900.000 cents
1000.000 cents
1031.283 cents
1100.000 cents
1168.717 cents
2/1
---
darreg_ennea.scl
Ivor Darreg's Mixed
Enneatonic, a mixture
of chromatic and
enharmonic
9
50.000 cents
100.000 cents
200.000 cents
500.000 cents
700.000 cents
750.000 cents
800.000 cents
900.000 cents
2/1
---
darreg_genus.scl
Ivor Darreg's Mixed JI
Genus (Archytas Enh,
Ptolemy Soft Chrom,
Didymos Chrom
9
28/27
16/15
10/9
4/3

3/2
14/9
8/5
5/3
2/1

DARREG_GENUS2.scl Darreg's Mixed JI Genus 2 (Archytas Enharmonic and Chromatic Genera)
9
28/27
16/15
9/8
4/3
3/2
14/9
8/5
27/16
2/1

---

caus.scl
A 12-tone just tuning by the 17th c inventor and philosopher Salomon de Caus
12
126/121
10/9
75/64
5/4
4/3
25/18
3/2
25/16
5/3
16/9
15/8
2

---

de_caus.scl
De Caus (a mode of Ellis's duodene)
12
25/24
10/9
75/64
5/4
4/3
25/18
3/2
25/16
5/3
16/9
15/8
2

---

dekany.scl
2)5 Dekany 1.3.5.7.11 (1.3 tonic)
10
55/48
7/6
5/4
11/8
35/24
77/48
5/3
7/4
11/6
2/1

---

diacycle13.scl
Diacycle on 20/13, 13/10; there are also nodes at 3/2, 4/3; 13/9, 18/13
23
40/39
20/19
40/37
10/9
8/7
20/17
40/33
5/4
40/31
4/3
40/29
10/7
40/27
20/13
30/19
60/37
5/3
12/7
30/17
20/11
15/8
60/31
2/1

---

diamond_mod.scl
13-tone Octave Modular Diamond, based on Archytas's Enharmonic
13
36/35
28/27
16/15
5/4
9/7
4/3
3/2
14/9
8/5
15/8
27/14
35/18
2/1

---

diamond_tetr.scl
Tetrachord Modular Diamond based on Archytas's Enharmonic
8
28/27
16/15
5/4
9/7
35/27
4/3
48/35
2/1

---

diamond9.scl
9-limit Diamond
19
10/9
9/8
8/7
7/6
6/5
5/4
9/7
4/3
7/5
10/7
3/2
14/9
8/5
5/3
12/7
7/4
16/9
9/5
2/1

---

diaphonic_10.scl
10-tone Diaphonic Cycle
10
18/17
9/8
6/5
9/7
18/13
3/2
8/5
12/7
24/13
2/1

---

diaphonic_12.scl
12-tone Diaphonic Cycle, conjunctive form on 3/2 and 4/3
12
21/20
21/19
7/6
21/17
21/16
7/5
3/2
30/19
5/3
30/17
15/8
2/1

---

diaphonic12_2.scl
2nd 12-tone Diaphonic Cycle, conjunctive form on 10/7 and 7/5
12
21/20
21/19
7/6
21/17
21/16
7/5
28/19
14/9
28/17
7/4
28/15
2/1

---

diaphonic_5.scl
D5-tone Diaphonic Cycle
5
8/7
4/3
3/2
12/7
2/1

---

diaphonic_7.scl
7-tone Diaphonic Cycle, disjunctive form on 4/3 and 3/2
7
12/11
6/5
4/3
16/11
8/5
16/9
2/1

---

diat_chrom.scl
Diatonic- Chromatic, on the border between the chromatic and diatonic genera
7
15/14
15/13
4/3
3/2
45/28
45/26
2/1

---

diat_dies2.scl
Dorian Diatonic, 2 part Diesis

7
33.333 cents
300.000 cents
500.000 cents
700.000 cents
733.333 cents
1000.000 cents
2/1

---

diat_dies5.scl
Dorian Diatonic, 5 part Diesis
7
83.333 cents
300.000 cents
500.000 cents
700.000 cents
783.333 cents
1000.000 cents
2/1

DIAT_ENH2.scl
Diat. +Enharm. Diesis, Dorian Mode 3 + 12 +15 parts
7
50.000 cents
250.000 cents
500.000 cents
700.000 cents
750.000 cents
950.000 cents
2/1

---

diat_enh3.scl
Diat. +Enharm. Diesis, Dorian Mode, 15 +3 +12 parts
7
250.000 cents
300.000 cents
500.000 cents
700.000 cents
950.000 cents
1000.000 cents
2/1

---

diat_enh4.scl
Diat. +Enharm. Diesis, Dorian Mode, 15 +12 +3 parts
7
250.000 cents
450.000 cents
500.000 cents
700.000 cents
950.000 cents
1150.000 cents
2/1

DIAT_ENH5.scl
Dorian Mode, 12 +15 +3 parts
7
200.000 cents
450.000 cents
500.000 cents
700.000 cents
900.000 cents
1150.000 cents
2/1

DIAT_ENH6.scl
Dorian Mode, 12 +3 +15 parts
7
200.000 cents
250.000 cents
500.000 cents
700.000 cents
900.000 cents
950.000 cents
2/1

---

diat_enh.scl
Diat. +Enharm. Diesis, Dorian Mode
7
50.000 cents
300.000 cents
500.000 cents
700.000 cents
750.000 cents
1000.000 cents
2/1

---

diat_gold.scl
Diatonic scale with ratio between whole and half tone the Golden Section
7
192.429 cents
384.858 cents
503.785 cents
696.215 cents
888.644 cents
1081.072 cents
2

---

diat_hemchrom.scl
Diat. +Hem. Chrom. Diesis, Another genus of Aristoxenos, Dorian Mode
7
75.000 cents
300.000 cents
500.000 cents
700.000 cents
775.000 cents
1000.000 cents
2/1

---

diat_sofchrom.scl
Diat. +Soft Chrom. Diesis, Another genus of Aristoxenos, Dorian Mode
7
66.667 cents
300.000 cents
500.000 cents
700.000 cents
766.667 cents
1000.000 cents
2/1

---

diat_soft.scl
Soft Diatonic genus 5 +10 +15 parts
7
83.333 cents
250.000 cents
500.000 cents
700.000 cents
783.333 cents
950.000 cents
2/1

---

diat_soft2.scl
Soft Diatonic genus with equally divided Pyknon; Dorian Mode
7
125.000 cents
250.000 cents
500.000 cents
700.000 cents
825.000 cents
950.000 cents
2/1

---

diat13.scl
This genus is from K.S's diatonic Hypodorian harmonia
7
16/15
16/13
4/3
3/2
8/5
24/13
2/1

---

diat15.scl
Tonos-15 Diatonic and its own trite synemmenon Bb
8
15/13
5/4
15/11
10/7
3/2
5/3
15/8
2/1

---

diat15_inv.scl
Inverted Tonos-15 Harmonia, a harmonic series from 15 from 30.
8
16/15
6/5
4/3
7/5
22/15
8/5
26/15
2/1

---

diat17.scl
Tonos-17 Diatonic and its own trite synemmenon Bb
8
17/15
17/13
17/12
34/23
17/11
17/10
17/9
2/1

---

diat19.scl
Tonos-19 Diatonic and its own trite synemmenon Bb
8
19/18
19/16
19/14
38/27
19/13
19/12
19/11
2/1

---

diat21.scl
Tonos-21 Diatonic and its own trite synemmenon Bb
8
21/19
7/6
21/16
7/5
3/2
21/13
7/4
2/1

---

diat21_inv.scl
Inverted Tonos-21 Harmonia, a harmonic series from 21 from 42.

8
8/7
26/21
4/3
10/7
32/21
12/7
38/21
2/1

---

diat23.scl
Tonos-23 Diatonic and its own trite synemmenon Bb
8
23/21
23/20
23/18
23/17
23/16
23/14
23/13
2/1

---

diat25.scl
Tonos-25 Diatonic and its own trite synemmenon Bb
8
25/22
5/4
25/18
25/17
25/16
25/14
25/13
2/1

---

diat27.scl
Tonos-27 Diatonic and its own trite synemmenon Bb
8
9/8
9/7
27/20
27/19
3/2
7/16
27/14
2/1

---

diat27_inv.scl
Inverted Tonos-27 Harmonia, a harmonic series from 27 from 54
8
28/27
32/27
4/3
13/9
40/27
14/9
16/9
2/1

diat29.scl
Tonos-29 Diatonic and its own trite synemmenon Bb
8
29/26
29/24
29/22
29/21
29/20
29/18
29/16
2/1

---

diat31.scl
Tonos-31 Diatonic. The disjunctive and conjunctive diatonic forms are the same
8
31/28
31/26
31/24
31/23
31/22
31/20
31/18
2/1

---

diat33.scl
Tonos-33 Diatonic. The conjunctive form is 23 (Bb instead of B)
20 18 33/2
8
11/10
11/9
11/8
33/23
3/2
33/20
11/6
2/1

---

diatred11.scl
Dorian mode of a diatonic genus with reduplicated 11/10
7
11/10
121/100
4/3
3/2
33/20
363/200
2/1

---

didy_chrom.scl
Didymus Chromatic
7
16/15
10/9
4/3
3/2
8/5
5/3
2/1

DIDY_CHROM1.scl
permuted Didymus Chromatic
7
16/15
32/25
4/3
3/2
8/5
48/25
2/1

DIDY_CHROM2.scl
Didymos's Chromatic, 6/5 x 25/24 x 16/15
7
6/5
5/4
4/3
3/2
9/5
15/8
2/1

DIDY_CHROM3.scl
Didymos's Chromatic, 25/24 x 16/15 x 6/5
7
25/24
10/9
4/3
3/2
25/16
5/3
2/1

---

didy_diat.scl
Didymus Diatonic
7
16/15
32/27
4/3
3/2
8/5
16/9
2/1

DIDY_EN2.scl
permuted Didymus Enharmonic
7
256/243
16/15
4/3
3/2
128/81
8/5
2/1

---

didy_enh.scl
Dorian mode of Didymos's Enharmonic
7
32/31
16/15
4/3
3/2
48/31
8/5
2/1

---

div_fifth1.scl
Divided Fifth #1, From Schlesinger, see Chapter 8, p. 160
5
24/23
12/11
4/3
3/2
2/1

---

div_fifth2.scl
Divided Fifth #2, From Schlesinger, see Chapter 8, p. 160
5
16/15
8/7
4/3
3/2
2/1

---

div_fifth3.scl
Divided Fifth #3, From Schlesinger, see Chapter 8, p. 160
5
28/27
7/6
4/3
3/2
2/1

---

div_fifth4.scl
Divided Fifth #4, From Schlesinger, see Chapter 8, p. 160
5
21/20
7/6
21/16
3/2
2/1

---

div_fifth5.scl
Divided Fifth #5, From Schlesinger, see

Chapter 8, p. 160
5
11/10
11/9
11/8
11/7
2/1

---

dkring1.scl
Double-tie circular mirroring of 4:5:6:7
12
21/20
7/6
6/5
49/40
5/4
7/5
3/2
42/25
12/7
7/4
9/5
2/1

---

dodeceny.scl
Degenerate eikosany 3)6 from 1.3.5.9.15.45 tonic 1.3.15
12
135/128
9/8
75/64
6/5
5/4
4/3
45/32
3/2
5/3
27/16
15/8
2/1

---

dorian_inv.scl
Inverted Schlesinger's Dorian Harmonia, a harmonic series from 11 from 22
8
12/11
13/11
14/11
15/11
16/11
18/11
20/11
2/1

DORIAN_PENT.scl
Schlesinger's Dorian Harmonia in the pentachromatic genus
7
55/53
11/10
11/8
11/7
55/34
22/13
2/1

---

dorian_pis.scl
Diatonic Perfect Immutable System in the Dorian Tonos, a non-rep. 16 tone gamut
15
8/7
16/13
4/3
16/11
8/5
16/9
2/1
32/15
16/7
32/13
8/3
32/11
16/5
32/9
4/1

---

dorian_schl.scl
Schlesinger's Dorian Piano Tuning (Sub 22)
12
22/21
11/10
22/19
11/9
22/17
11/8
22/15
11/7
22/13
44/25
11/6
2/1

DORIAN_DIAT.SCL
Dorian Diatonic Tonos
24
16/15
8/7
16/13
32/25
4/3
32/23
16/11
8/5
32/19
16/9
32/17
2/1
32/15
16/7
32/13
64/25
8/3
64/23
32/11
16/5
64/19
32/9
64/17
4/1

---

dorian_diatcon.scl
A Dorian Diatonic with its own trite synemmenon replacing paramese
7
11/10
11/9
11/8
22/15
11/7
11/6
2/1

DORIAN_ENH.SCL
Dorian Enharmonic Tonos
24
16/15
8/7
64/55
128/109
32/27
4/3
16/11
64/43
128/85
32/21
16/9
2/1
32/15
16/7
128/55
256/109
64/27
8/3
32/11
128/43
256/85
64/21
32/9
4/1

---

dowland.scl
Dowland lute tuning
12
33/31
9/8
33/28
264/211
4/3
24/17
3/2
99/62
27/16
99/56
396/211
2/1

---

duncan.scl
Dudley Duncan's Superparticular Scale
12
17/16
9/8
6/5
5/4
4/3
7/5
3/2
8/5
5/3
7/4
15/8
2/1

---

duodene14-18-21.scl
14-18-21 Duodene
12
28/27
9/8
7/6
9/7
4/3
81/56
3/2
14/9
12/7
7/4
27/14
2/1

---

duodene3-11_9.scl
3-11/9 Duodene
12
12/11
9/8
11/9
27/22
4/3
11/8
3/2
44/27
18/11
11/6
81/44
2/1

DUODENE3-7.SCL
3-7 Duodene
12
9/8
8/7
7/6

9/7
21/16
4/3
3/2
32/21
12/7
7/4
63/32
2/1

DUODENE6-7-9.scl
6-7-9 Duodene
12
9/8
8/7
7/6
9/7
21/16
4/3
3/2
14/9
12/7
7/4
27/14
2/1
---
duodene_rot.scl
Ellis's Duodene rotated : genus [33555]
12
1125/1024
9/8
75/64
5/4
45/32
375/256
3/2
25/16
225/128
15/8
125/64
2
---
duodene_skew.scl
Rotated 6/5x3/2 duodene
12
27/25
10/9
6/5
5/4
4/3
36/25
3/2
8/5
5/3
9/5
48/25
2/1
---
duodene.scl
Ellis's Duodene : genus [33355]
12
16/15
9/8
6/5
5/4
4/3
45/32
3/2
8/5
5/3
9/5
15/8
2
---
efg333333333337.scl
Genus [333333333337]
24
137781/131072
2187/2048
567/512
9/8
1240029/1048576
19683/16384
5103/4096
81/64
21/16
177147/131072
45927/32768
729/512
189/128
3/2
413343/262144
6561/4096
1701/1024
27/16
7/4
59049/32768
15309/8192
243/128
#3/32
2/1
---
efg33335555.scl
Genus bis-ultra-chromaticum [33335555]
25
25/24
16/15
10/9
9/8
256/25
75/6
6/5 5/4
32/5
4/3
25/18
45/32
64/45
36/25
3/2
25/16
8/5
5/3
128/75
225/128
16/9
9/5
15/8
48/25
2/1
---
efg333555.scl
Genus diatonico-hyperchromaticum [333555]
16
25/24
16/15
10/9
75/64
6/5
5/4
4/3
25/18
64/45
3/2
25/16
8/5
5/3
16/9
15/8
2/1
---
efg333557.scl
Genus diatonico-enharmonicum [333557]
24
64/63
16/15
15/14
10/9
8/7
6/5
128/105
5/4
80/63
4/3
48/35
64/45
10/7
3/2
32/21
8/5
512/315
5/3
12/7
16/9
64/35
15/8
40/21
2/1
---
efg335577.scl
Genus chromaticum septimis triplex [335577]
27
21/20
16/15
15/14
35/32
8/7
7/6
6/5
128/105
5/4
21/16
4/3
48/35
7/5
10/7
35/24
3/2
32/21
8/5
105/64
5/3
12/7
7/4
64/35
28/15
15/8
40/21
2/1
---
efg35711.scl
Genus [3 5 7 11]
15
33/32
11/10
8/7
33/28
6/5
44/35
48/35
3/2
11/7
8/5
33/20
12/7
64/35
66/35
2/1
---
efg55577.scl
Genus [55577]
12
35/32
125/112
8/7
5/4
175/128
10/7
25/16
875/512
7/4
25/14
125/64

2/1
---
efg55777.scl
Genus [55777]
12
35/32
8/7
49/40
5/4
7/5
10/7
49/32
8/5
7/4
64/35
245/128
2/1

Eikosany.scl
3)6 1.3.5.7.9.11Eikosany (1.3.5 tonic)
20
33/32
21/20
11/10
9/8
7/6
99/80
77/60
21/16
11/8
7/5
231/160
3/2
63/40
77/48
33/20
7/4
9/5
11/6
77/40
2/1
---
ekring1.scl
Single-tie circular mirroring of 3:4:5
12
9/8
6/5
5/4
27/20
45/32
36/25
25/16
8/5
5/3
9/5
15/8
2/1
---
ekring2.scl
Single-tie circular mirroring of 6:7:8
12
9/8
8/7
7/6
9/7
21/16
72/49
49/32
12/7
7/4
27/14
63/32
2/1
---
ekring3.scl
Single-tie circular mirroring of 4:5:7
12
50/49
8/7
400/343
5/4
125/98
64/49
25/16
8/5
80/49
7/4
25/14
2/1

EKRING4.SCL
Single-tie circular mirroring of 4:5:6
12
16/15
6/5
32/25
4/3
36/25
3/2
192/125
5/3
128/75
16/9
48/25
2/1
---
ekring5.scl
Single-tie circular mirroring of 3:5:7
12
126/125
36/35
7/6
216/175
7/5
10/7
36/25
72/49
42/25
12/7
49/25
2/1
---
ekring6.scl
Single-tie circular mirroring of 6:7:9
12
54/49
8/7
9/7
4/3
72/49
3/2
14/9
81/49
16/9
648/343
96/49
2/1
---
ekring7.scl
Single-tie circular mirroring of 5:7:9
12
50/49
10/9
500/441
100/81
9/7
450/343
14/9
100/63
81/49
9/5
90/49
2/1
---
ellis_harm.scl
Ellis's Just Harmonium
12
16/15
9/8
6/5
5/4
4/3
27/20
3/2
8/5
5/3
9/5
15/8
2
---
ellis_24.scl
from P 421 of Helmholtz, 24-tones of JI for 1 manual harmonium
24
81/80
25/24
135/128
9/8
729/640
75/64
1215/1024
5/4
81/64
4/3
27/20
45/32
729/512
3/2
243/160
25/16
405/256
5/3
27/16
225/128
3645/2048
15/8
243/128
2/1
---
enh_invcon.scl
Inverted Enharmonic Conjunct Phrygian Harmonia
7
13/12
17/12
35/24
3/2
23/12
47/24
2/1
---
enh14.scl
14/11 Enharmonic
7
44/43
22/21
4/3
3/2
66/43
11/7
2/1
---
enh15.scl
Tonos-15 Enharmonic
7
30/29
15/14
15/11
3/2
20/13
30/19
2/1
---
enh15_inv.scl
Inverted Enharmonic Tonos-15 Harmonia
7
19/15
13/10
4/3

22/15
28/15
29/15
2/1

ENH15_INV2.scl
Inverted harmonic form of the enharmonic Tonos-15
7
31/30
16/15
4/3
22/15
3/2
23/15
2/1
---
enh17.scl
Tonos-17 Enharmonic
7
34/33
17/16
17/12
17/11
68/43
34/21
2/1
---
enh17_con.scl
Conjunct Tonos-17 Enharmonic
7
34/33
17/16
17/12
68/47
34/23
17/9
2/1
---
enh19.scl
Tonos-19 Enharmonic
7
38/37
19/18
19/14
19/13
76/51
38/25
2/1
---
enh19_con.scl
Conjunct Tonos-19 Enharmonic
7
38/37
19/18
19/14
76/55
38/27
19/11
2/1
---
enh2.scl
1:2 Enharmonic. New genus 2 +4 +24 parts
7
33.333 cents
100.000 cents
500.000 cents
700.000 cents
733.333 cents
800.000 cents
2/1
---
enh21.scl
Tonos-21 Enharmonic
7
42/41
21/20
21/16
3/2
84/55
14/9
2/1
---
enh21_inv.scl
Inverted Enharmonic Tonos-21 Harmonia
7
9/7
55/42
4/3
32/21
40/21
41/21
2/1
---
enh21_inv2.scl
Inverted harmonic form of the enharmonic Tonos-21
7
32/31
16/15
4/3
32/21
11/7
34/21
2/1
---
enh23.scl
Tonos-23 Enharmonic
7
46/45
23/22
23/18
23/16
46/31
23/15
2/1
---
enh23_con.scl
Conjunct Tonos-23 Enharmonic
7
46/45
23/22
23/18
46/35
23/17
23/13
2/1
---
enh25.scl
Tonos-25 Enharmonic
7
100/97
50/47
25/18
25/16
50/31
5/3
2/1
---
enh25_con.scl
Conjunct Tonos-25 Enharmonic
7
100/97
50/47
25/18
10/7
25/17
25/13
2/1
---
enh27.scl
Tonos-27 Enharmonic
7
36/35
18/17
27/20
3/2
54/35
27/17
2/1
---
enh27_inv.scl
Inverted Enharmonic Tonos-27 Harmonia
7
34/27
35/27
4/3
40/27
17/9
35/18
2/1
---
enh27_inv2.scl
Inverted harmonic form of the enharmonic Tonos-27
7
56/55
28/27
4/3
40/27
41/27
14/9
2/1
---
enh29.scl
Tonos-29 Enharmonic
7
58/57
29/28
29/22
29/20
58/39
29/19
2/1
---
enh29_con.scl
Conjunct Tonos-29 Enharmonic
7
58/57
29/28
29/22
58/43
29/21
29/16
2/1
---
enh31.scl
Tonos-31 Enharmonic. Tone 24 alternates with 23 as MESE or A
8
31/30
31/29
31/24
31/23
31/22
62/43
31/21
2/1
---
enh31_con.scl
Conjunct Tonos-31 Enharmonic
8
31/30
31/29
31/24
31/23
62/45
31/22
31/18
2/1
---
enh33.scl
Tonos-33 Enharmonic
7
33/32
33/31
11/8
3/2
66/43

11/7
2/1
---
enh33_con.scl
Conjunct Tonos-33 Enharmonic
7
33/32
33/31
11/8
66/47
33/23
11/6
2/1
---
enhmod.scl
Enharmonic After Wilson's Purvi Modulations, See page 111
7
9/8
7/6
4/3
3/2
14/9
8/5
2/1
---
epimore_enh.scl
New Epimoric Enharmonic, Dorian mode of the 4th new Enharmonic on Hofmann's list
7
76/75
16/15
4/3
3/2
38/25
8/5
2/1
---
eq_ennea.scl
Quasi-Equal Enneatonic, each "tetrachord" has 125 +125 +125 +125 cents
9
125.000 cents
250.000 cents
375.000 cents
500.000 cents
700.000 cents
825.000 cents
950.000 cents
1075.000 cents
2/1
---
eratos_chrom.scl
Dorian mode of Eratosthenes's Chromatic. same as Ptol. Intense Chromatic
7
20/19
10/9
4/3
3/2
30/19
5/3
2/1

ERATOS_DIAT.SCL
Dorian mode of Eratosthenes's Diatonic, Pythagorean
7
256/243
32/27
4/3
3/2
128/81
16/9
2/1
---
eratos_enh.scl
Dorian mode of Eratosthenes's Enharmonic
7
40/39
20/19
4/3
3/2
20/13
30/19
2/1
---
erlangen.scl
Revised Erlangen
12
135/128
9/8
32/27
5/4
4/3
45/32
3/2
405/256
27/16
16/9
15/8
2
---
euler.scl
Euler (a mode of Ellis's duodene), genus [33355]
12
25/24
9/8
75/64
5/4
4/3
45/32
3/2
25/16
5/3
225/128
15/8
2/1
---
euler_enh.scl
Euler's Old Enharmonic, From Tentamen Novae Theoriae Musicae
7
128/125
256/243
4/3
3/2
192/125
128/81
2/1
---
euler_gm.scl
Euler's Genus Musicum, Octony based on Archytas's Enharmonic
8
28/27
16/15
448/405
4/3
112/81
64/45
1792/1215
2/1

Fisk-Vogel.scl
Modified meantone tuning of Fisk organ in Memorial Church at Stanford
12
79.470 cents
194.530 cents
309.580 cents
389.050 cents
502.740 cents
582.890 cents
697.260 cents
776.050 cents
891.790 cents
1006.160 cents
1086.310 cents
2
---
fogliano1.scl
Fogliano 1
12
25/24
10/9
6/5
5/4
4/3
25/18
3/2
25/16
5/3
16/9
15/8
2
---
fogliano2.scl
Fogliano 2, also Mandelbaum
12
95/24
9/8
6/5
5/4
4/3
25/18
3/2
25/16
5/3
9/5
15/8
2

FOKKER_31.scl
Fokker's 31-tone just system
31
64/63
135/128
15/14
35/32
9/8
8/7
7/6
135/112
315/256
5/4
9/7
21/16
4/3
175/128
45/32
10/7
35/24
3/2
32/21
14/9
45/28
105/64
5/3
12/7
7/4
16/9
945/512
15/8
40/21
63/32
2/1
---
ganassi.scl

Ganassi
12
20/19
10/9
20/17
5/4
4/3
24/17
3/2
30/19
5/3
30/17
15/8
2/1

GOLDEN_5.scl
Golden pentatonic
5
5/4
21/16
3/2
13/8
2/1
---
harm_bastard.scl
6)7 7-any from 1.3.5.7.9.11.13 and inversion of "Bastard" Hypodorian Harmonia
7
9/8
5/4
11/8
3/2
13/8
7/4
2/1
---
harm_mean.scl
Harm. Mean 9-tonic 8/7 is HM of 1/1 and 4/3, etc.
9
32/31
16/15
8/7
4/3
3/2
48/31
8/5
12/7
2/1
---
harm10.scl
6/7/8/9/10 harmonics
13
35/32
9/8
5/4
81/64
21/16
45/32
3/2
49/32
25/16
27/16
7/4
63/32
2/1
---
harm15.scl
Fifth octave of the harmonic overtone series
15
17/16
9/8
19/16
5/4
21/16
11/8
23/16
3/2
25/16
13/8
27/16
7/4
29/16
15/8
31/16

Harm1C-15.scl
Harm1C-15-Harmonia
7
6/5
19/15
4/3
22/15
26/15
28/15
2/1

Harm1C-Dorian.scl
Harm1C-Dorian
7
3/11
27/22
14/11
16/11
20/11
21/11
2/1

harm1c-hypod.scl
HarmC-Hypodorian
8
5/4
21/16
11/8
23/16
3/2
7/4
15/8
2/1
---
harm1c-hypol.scl
HarmC-Hypolydian
8
21/20
11/10
13/10
7/5
3/2
8/5
17/10
2/1

Harm1C-Lydian.scl
Harm1C-Lydian
8
27/26
14/13
18/13
19/13
20/13
21/13
22/13
2/1

Harm1C-Mix.scl
Harm1C-Con Mixolydian
7
8/7
10/7
3/2
11/7
13/7
27/14
2/1

Harm1C-Mixolydian.scl
Harm1C-Mixolydian
7
15/14
8/7
10/7
11/7
23/14
12/7
2/1

Harm1C-Phryg.scl
Harm1C-ConPhryg
7
13/12
4/3
17/12
3/2
11/6
23/12
2/1

Harm1C-Phrygian.scl
Harm1C-Phrygian
7
7/6
5/4
4/3
3/2
11/6
23/12
2/1

Harm1E-15.scl
Harm1E-15-Harmonia
7
19/15
13/10
4/3
22/15
28/15
29/15
2/1
---
harm23.scl
Harmonics 1 to 23
12
17/16
9/8
19/16
5/4
21/16
11/8
23/16
3/2
13/8
7/4
15/8
2/1
---
harm3.scl
Third octave of the harmonic overtone series
3
5/4
3/2
7/4
---
harm30-30.scl
First 30 subharmonics & harmonics
59
16/15
32/29
8/7
32/27
16/13
32/25
4/3
32/23
32/21
8/5
32/19
16/9
32/17
2/1
32/15
16/7
32/13

8/3
32/11
16/5
32/9
4/1
32/7
16/3
32/5
8/1
32/3
16/1
32/1
33/1
34/1
35/1
36/1
37/1
38/1
39/1
40/1
41/1
42/1
43/1
44/1
45/1
46/1
47/1
48/1
49/1
50/1
51/1
52/1
53/1
54/1
55/1
56/1
57/1
58/1
59/1
60/1
61/1
62/1

---

harm4.scl
Fourth octave of the harmonic overtone series
7
9/8
5/4
11/8
3/2
13/8
7/4
15/8

---

harm60-30.scl
harmonics 60 to 30
12
15/14
10/9
6/5
5/4
4/3
10/7
3/2
30/19
5/3
12/7
15/8
2/1

---

harm9.scl
6/7/8/9 harmonics, First 9 overtones of 5th through 9th harmonics
10
9/8
7/6
5/4
4/3
49/36
3/2
14/9
7/4
16/9
2/1

---

harmc-hypop.scl
HarmC-Hypophrygian
9
11/9
23/18
4/3
25/18
13/9
14/9
16/9
17/9
2/1

---

harmd-conmix.scl
HarmD-ConMixolydian
7
8/7
9/7
3/2
11/7
12/7
13/7
2/1

---

harmd-dor.scl
HarmD-Dorian
8
12/11
13/11
14/11
15/11
16/11
18/11
20/11
2/1

---

harmd-hypod.scl
HarmD-Hypodorian
9
9/8
5/4
11/8
23/16
3/2
13/8
7/4
15/8
2/1

---

harmd-hypol.scl
HarmD-Hypolydian
8
11/10
6/5
13/10
7/5
3/2
8/5
9/5
2/1

HarmD-Hypop.scl
HarmD-Hypophrygian
9
10/9
11/9
4/3
25/18
13/9
14/9
5/3
16/9
2/1

---

harmd-lyd.scl
HarmD-Lydian
9
14/13
15/13
16/13
18/13
19/13
20/13
22/13
24/13
2/1

---

harmd-mix.scl
HarmD-Mixolydian
7
8/7
9/7
10/7
11/7
12/7
13/7
2/1

---

harmd-phr.scl
HarmD-Phryg (with 5 extra tones)
12
25/24
13/12
9/8
7/6
4/3
5/4
3/2
19/12
5/3
7/4
11/6
2/1

---

harmd-15.scl
HarmD-15-Harmonia
7
16/15
6/5
4/3
22/15
8/5
26/15
2/1

---

harme-hypod.scl
HarmE-Hypodorian
8
21/16
43/32
11/8
23/16
3/2
15/8
31/16
2/1

---

harme-hypol.scl
HarmE-Hypolydian
8
43/40
21/20
13/10
7/5
3/2
31/20
8/5
2/1

---

harme-hypop.scl
HarmE-Hypophrygian
9
23/18
47/36
4/3
25/18
13/9
14/9
17/9
35/18
2/1

---

harrison.scl
Harrison 16-tone
16
16/15
10/9
8/7
7/6
6/5
5/4
4/3
17/12
3/2
8/5
5/3
12/7
7/4
9/5
15/8
2/1
Lou Harrison 16tone scale based on Boethius's account of Ptolemy's superparticular divisions of the 4/3 as 16/15 x 5/4, 10/9 x 6/5, and 8/7 x 7/6. !See 1/1 7(1) 4-5, 1991.

HELMHOLTZ.SCL
Helmholtz's Chromatic scale
7
16/15
5/4
4/3
3/2
8/5
15/8
2/1

---

helmholtz_pure.scl
Helmholtz's two-keyboard harmonium tuning untempered
24
135/128
16/15
10/9
9/8
75/64
32/27
5/4
512/405
675/512
4/3
45/32
64/45
40/27
3/2
25/16
128/81
5/3
27/16
225/128
16/9
15/8
256/135
160/81
2/1

---

helmholtz_temp.scl
Helmholtz's two-keyboard harmonium tuning
24
91.446 cents
111.976 cents
182.892 cents
203.422 cents
274.338 cents
294.868 cents
5/4
406.843 cents
477.760 cents
498.289 cents
589.735 cents
610.265 cents
681.181 cents
701.711 cents
25/16
793.157 cents
884.603 cents
905.132 cents
976.049 cents
996.578 cents
1088.025 cents
1108.554 cents
1179.471 cents
2/1

---

hem_chrom.scl
Hemiolic Chromatic genus has the strong or 1:2 division of the 12/11 pyknon
7
34/33
12/11
4/3
3/2
17/11
18/11
2/1

HEM_CHROM11.scl
11'al Hemiolic Chromatic genus with a CI of 11/9, Winnington-Ingram
7
24/23
12/11
4/3
3/2
36/23
18/11
2/1

HEM_CHROM13.scl
13'al Hemiolic Chromatic or neutral-third genus has a CI of 16/13
7
26/25
13/12
4/3
3/2
39/25
13/8
2/1

HEM_CHROM2.scl
1:2 Hemiolic Chromatic genus 3 +6 + 21 parts
7
50.000 cents
150.000 cents
500.000 cents
700.000 cents
750.000 cents
850.000 cents
2/1

---

herf.scl
Sims:Reflections on This and That, 1991. Used by Richter-Herf in Ekmelischer Gesang
14
33/32
17/16
9/8
19/16
5/4
21/16
11/8
23/16
3/2
13/8
27/16
7/4
15/8
2/1

hexagonal13.scl
Star hexagonal 13-tone scale
13
25/24
16/15
10/9
6/5
5/4
4/3
3/2
8/5
5/3
9/5
15/8
48/25
2/1

---

hexanic.scl
Composed of 1.3.5.45, 1.3.5.75, 1.3.5.9, and 1.3.5.25 hexanies
11
16/15
9/8
6/5
5/4
4/3
3/2
25/16
8/5
15/8
48/25
2/1

---

hexany_tetr.scl
Complex 12 of p. 115, a hexany based on Archytas's Enharmonic
6
36/35
16/15
9/7
4/3
48/35
2/1

---

hexany_trans.scl
Complex 1 of p. 115, a hexany based on Archytas's Enharmonic
6
28/27
16/15
35/27
4/3
112/81
2/1

HEXANY_TRANS2.scl
Complex 2 of p. 115, a hexany based on Archytas's Enharmonic
6
28/27
16/15
4/3
48/35
64/45
2/1

HEXANY_TRANS3.scl

Complex 9 of p. 115, a hexany based on Archytas's Enharmonic
6
28/27
16/15
5/4
9/7
4/3
2/1
---
hexany1.scl
Two out of 1 3 5 7 hexany
6
35/32
5/4
21/16
3/2
7/4
15/8
---
hexany15.scl
1.3.5.15 2)4 hexany (1.15 tonic) degenerate, symmetrical pentatonic
5
5/4
4/3
3/2
8/5
2/1
---
hexany2.scl
Hexany Cluster 2
12
25/24
9/8
6/5
5/4
125/96
4/3
25/18
3/2
25/16
5/3
15/8
2
---
und andere mehr!
husmann.scl
Tetrachord division according to Husmann
6
256/243
9/8
32/27
19683/16384
81/64
4/3

HYPER_ENH.SCL
13/10 HyperEnharmonic. This genus is at the limit of usable tunings
7
80/79
40/39
4/3
3/2
120/79
20/13
2/1
---
hyper_enh2.scl
Hyperenharmonic genus from Kathleen Schlesinger's enharmonic Phrygian Harmonia
7
48/47
24/23
4/3
3/2
72/47
36/23
2/1
---
hypo_chrom.scl
Hypolydian Chromatic Tonos
12
20/19
40/37
10/9
4/3
10/7
40/27
20/13
8/5
80/49
5/3
40/23
2/1
---
hypo_diat.scl
Hypolydian Diatonic Tonos
12
10/9
20/17
5/4
4/3
10/7
40/27
20/13
5/3
40/23
20/11
40/21
2/1
---
hypo_enh.scl
Hypolydian Enharmonic Tonos
12
40/39
80/77
20/19
4/3
10/7
40/27
20/13
80/51
160/101
8/5
16/9
2/1
---
hypod_chrom.scl
Hypodorian Chromatic Tonos
12
16/15
32/29
8/7
16/13
4/3
32/23
16/11
32/21
64/41
8/5
16/9
2/1
---
hypod_diat.scl
Hypodorian Diatonic Tonos
12
16/15
8/7
16/13
32/25
4/3
32/23
16/11
8/5
32/19
16/9
32/17
2/1
---
hypod_diatcon.scl
A Hypodorian Diatonic with its own trite synemmenon replacing paramese
7
16/15
16/13
4/3
32/23
8/5
16/9
2/1
---
hypod_enh.scl
Hypodorian Enharmonic Tonos
12
32/31
64/61
16/15
32/27
4/3
32/23
16/11
64/43
128/85
32/21
64/37
2/1
---
hypodorian_pis.scl
Diatonic Perfect Immutable System in the Hypodorian Tonos
15
12/11
6/5
4/3
3/2
8/5
24/13
2/1
48/23
24/11
12/5
8/3
3/1
24/7
48/13
4/1
---
hypol_diatcon.scl
A Hypolydian Diatonic with its own trite synemmenon replacing paramese
7
10/9
5/4
4/3
20/13
5/3
20/11
2/1
---
hypolydian_pis.scl
The Diatonic Perfect Immutable System in the Hypolydian Tonos
15
14/13
7/6
14/11
7/5
14/9

7/4
28/15
2/1
28/13
7/3
28/11
14/5
28/9
7/2
4/1
---
hypop_chrom.scl
Hypophrygian Chromatic Tonos
12
18/17
12/11
9/8
9/7
18/13
36/25
3/2
36/23
8/5
18/11
9/5
2/1
---
hypop_diat.scl
Hypophrygian Diatonic Tonos
12
9/8
36/31
6/5
9/7
18/13
36/25
3/2
18/11
12/7
9/5
36/19
2/1
---
hypop_diatcon.scl
A Hypophrygian Diatonic with its own trite synemmenon replacing paramese
7
9/8
6/5
18/13
36/25
18/11
9/5
2/1
---
hypop_enh.scl
Hypophrygian Enharmonic Tonos
12
36/35
24/23
18/17
6/5
18/13
36/25
3/2
72/47
48/31
36/23
9/5
2/1
---
hypophryg_pis.scl
The Diatonic Perfect Immutable System in the Hypophrygian Tonos
15
13/12
13/11
13/10
13/9
13/8
26/15
2/1
52/25
13/6
26/11
3/5
26/9
13/4
26/7
4/1
---
iasti.scl
Iasti-aiolika, kithara tuning: tonic diatonic and ditonic diatonic
7
28/27
32/27
4/3
3/2
27/16
16/9
2
---
iastia.scl
Iastia or Lydia, kithara tuning: intense diatonic and tonic diatonic
7
28/27
32/27
4/3
3/2
8/5
9/5
2

INDIAN-SAGRAMA.scl
Indian mode Sa-grama (Sa Ri Ga Ma Pa Dha Ni Sa), inverse of Didymus' diatonic
7
9/8
5/4
4/3
3/2
27/16
15/8
2/1
---
ionic.scl
Ancient greek Ionic
7
9/8
5/4
4/3
3/2
5/3
9/5
2
---
jorgensen.scl
Jorgensen's 5&7 temperament
12
51.429 cents
171.429 cents
291.429 cents
342.857 cents
514.286 cents
531.429 cents
685.714 cents
771.429 cents
857.143 cents
1011.429 cents
1028.571 cents
2/1
---
just_enh_21.scl
Johnston 21-note just enharmonic scale
21
25/24
27/25
9/8
75/64
6/5
5/4
32/25
125/96
4/3
25/18
36/25
3/2
25/16
8/5
5/3
125/72
9/5
15/8
48/25
125/64
2/1
---
just_enh_25.scl
Johnston 25-note just enharmonic scale
25
25/24
135/128
16/15
10/9
9/8
75/64
6/5
5/4
81/64
32/25
4/3
27/20
45/32
36/25
3/2
25/16
8/5
5/3
27/16
225/128
16/9
9/5
15/8
48/25
2/1
---
just5_31.scl
A just 5-limit 31-tone scale
31
128/125
135/128
27/25
1125/1024
9/8
144/125
75/64
6/5
625/512
5/4
32/25
675/512
27/20
5625/4096
45/32
36/25
375/256
3/2
192/125
25/16
8/5
3375/2048
27/16
216/125
225/128

7/4
28/15
2/1
28/13
7/3
28/11
14/5
28/9
7/2
4/1
---

hypop_chrom.scl
Hypophrygian Chromatic Tonos
12
18/17
12/11
9/8
9/7
18/13
36/25
3/2
36/23
8/5
18/11
9/5
2/1
---

hypop_diat.scl
Hypophrygian Diatonic Tonos
12
9/8
36/31
6/5
9/7
18/13
36/25
3/2
18/11
12/7
9/5
36/19
2/1
---

hypop_diatcon.scl
A Hypophrygian Diatonic with its own trite synemmenon replacing paramese
7
9/8
6/5
18/13
36/25
18/11
9/5
2/1
---

hypop_enh.scl
Hypophrygian Enharmonic Tonos
12
36/35
24/23
18/17
6/5
18/13
36/25
3/2
72/47
48/31
36/23
9/5
2/1
---

hypophryg_pis.scl
The Diatonic Perfect Immutable System in the Hypophrygian Tonos
15
13/12
13/11
13/10
13/9
13/8
26/15
2/1
52/25
13/6
26/11
3/5
26/9
13/4
26/7
4/1
---

iasti.scl
Iasti-aiolika, kithara tuning: tonic diatonic and ditonic diatonic
7
28/27
32/27
4/3
3/2
27/16
16/9
2
---

iastia.scl
Iastia or Lydia, kithara tuning: intense diatonic and tonic diatonic
7
28/27
32/27
4/3
3/2
8/5
9/5
2

INDIAN-SAGRAMA.scl
Indian mode Sa-grama (Sa Ri Ga Ma Pa Dha Ni Sa), inverse of Didymus' diatonic
7
9/8
5/4
4/3
3/2
27/16
15/8
2/1
---

ionic.scl
Ancient greek Ionic
7
9/8
5/4
4/3
3/2
5/3
9/5
2
---

jorgensen.scl
Jorgensen's 5&7 temperament
12
51.429 cents
171.429 cents
291.429 cents
342.857 cents
514.286 cents
531.429 cents
685.714 cents
771.429 cents
857.143 cents
1011.429 cents
1028.571 cents
2/1
---

just_enh_21.scl
Johnston 21-note just enharmonic scale
21
25/24
27/25
9/8
75/64
6/5
5/4
32/25
125/96
4/3
25/18
36/25
3/2
25/16
8/5
5/3
125/72
9/5
15/8
48/25
125/64
2/1
---

just_enh_25.scl
Johnston 25-note just enharmonic scale
25
25/24
135/128
16/15
10/9
9/8
75/64
6/5
5/4
81/64
32/25
4/3
27/20
45/32
36/25
3/2
25/16
8/5
5/3
27/16
225/128
16/9
9/5
15/8
48/25
2/1
---

just5_31.scl
A just 5-limit 31-tone scale
31
128/125
135/128
27/25
1125/1024
9/8
144/125
75/64
6/5
625/512
5/4
32/25
675/512
27/20
5625/4096
45/32
36/25
375/256
3/2
192/125
25/16
8/5
3375/2048
27/16
216/125
225/128

9/5
1875/1024
15/8
48/25
125/64
2/1

---

just7_31.scl
A just 7-limit 31-tone scale
31
128/125
25/24
16/15
35/32
9/8
8/7
7/6
6/5
128/105
5/4
32/25
21/16
4/3
48/35
7/5
10/7
35/24
3/2
32/21
25/16
8/5
105/64
5/3
12/7
7/4
16/9
64/35
15/8
48/25
125/64
2/1

---

kepler1.scl
Kepler 1
12
135/128
9/8
6/5
5/4
4/3
45/32
3/2
405/256
27/16
9/5
15/8
2

---

kepler2.scl
Kepler 2
12
135/128
9/8
6/5
5/4
4/3
45/32
3/2
8/5
27/16
9/5
15/8
2

---

kilroy.scl
Kilroy
12
9/8
6/5
5/4
4/3
45/32
3/2
8/5
5/3
27/16
16/9
15/8
2/1

---

kirnberger.scl
Kirnberger's scale
12
256/243
193.849 cents
32/27
386.314 cents
4/3
45/32
696.663 cents
128/81
889.650 cents
16/9
15/8
2/1

---

kirnberger1.scl
Kirnberger 1
12
256/243
9/8
32/27
5/4
4/3
45/32
3/2
128/81
895.112 cents
16/9
15/8
2/1

---

kornerup.scl
Kornerup's temperament with fifth of (15 - sqrt 5) / 22 octaves
19
73.501 cents
118.928 cents
192.429 cents
265.930 cents
311.357 cents
384.858 cents
458.359 cents
503.786 cents
577.287 cents
622.713 cents
696.215 cents
769.716 cents
815.142 cents
888.643 cents
962.145 cents
1007.571 cents
1081.072 cents
1154.574 cents
2/1

---

lambert.scl
Lambert's temperament (1774)
12
93.576 cents
197.207 cents
297.486 cents
394.414 cents
501.396 cents
591.621 cents
698.604 cents
795.531 cents
895.811 cents
999.441 cents
1093.018 cents
2/1

---

lmyoung.scl
Young's Well-Tempered Piano
12
567/512
9/8
147/128
21/16
1323/1024
189/128
3/2
49/32
7/4
441/256
63/32
2/1

---

lute.scl
Scale on the "Scholar's Lute"
7
8/7
6/5
5/4
4/3
3/2
5/3
2/1

lydian_pis.scl
The Diatonic Perfect Immutable System in the Lydian Tonos
15
10/9
5/4
10/7
20/13
5/3
20/11
2/1
40/19
20/9
5/2
20/7
40/13
10/3
40/11
4/1

LYDIAN_CHROM.scl Lydian Chromatic Tonos
24
20/19
10/9
20/17
40/33
5/4
10/7
20/13
8/5
80/49
5/3
20/11
2/1
40/19
20/9
40/17
80/33
5/2
20/7
40/13
16/5
160/49
10/3
40/11
4/1

---

lydian_diat.scl
Lydian Diatonic Tonos
24
20/19
10/9
5/4
4/3
10/7

40/27
20/13
5/3
40/23
20/11
40/21
2/1
40/19
20/9
5/2
8/3
20/7
88/27
40/13
10/3
80/23
40/11
80/21
4/1

---

lydian_diatcon.scl
A Lydian Diatonic with its own trite synemmenon replacing paramese
7
13/12
13/11
13/10
26/19
13/8
13/7
2/1

---

lydian_enh.scl
Lydian Enharmonic Tonos
24
20/19
10/9
8/7
80/69
20/17
10/7
20/13
80/51
60/101
8/5
20/11
2/1
40/19
20/9
16/7
160/69
40/17
20/7
40/13
160/51
320/101
16/5
40/11
4/1

---

malaka.scl
Malaka, lyra tuning: soft or intense chromatic and tonic diatonic
7
28/27
10/9
4/3
3/2
14/9
16/9
2

---

malcolm.scl
Malcolm's Monochord
12
16/15
9/8
6/5
5/4
4/3
45/32
3/2
8/5
5/3
16/9
15/8
2

---

malcolm2.scl
Malcolm 2
12
17/16
9/8
19/16
5/4
4/3
17/12
3/2
19/12
5/3
85/48
15/8
2/1

---

marpurg1.scl
Marpurg 1
12
25/24
9/8
6/5
5/4
4/3
45/32
3/2
25/16
5/3
9/5
15/8
2

---

marpurg3.scl
Marpurg 3
12
25/24
9/8
6/5
5/4
4/3
45/32
3/2
25/16
27/16
16/9
15/8
2

MARPURG4.SCL
Marpurg 4, also Yamaha Pure Minor
12
25/24
10/9
6/5
5/4
4/3
25/18
3/2
25/16
5/3
9/5
15/8
2/1

---

mean10.scl
3/10-comma mean-tone scale
12
68.522 cents
191.006 cents
259.528 cents
382.012 cents
504.497 cents
573.019 cents
695.503 cents
764.025 cents
886.509 cents
125/72
1077.516 cents
2/1

---

mean11.scl
3/11-comma mean-tone scale
12
72.628 cents
192.179 cents
264.807 cents
384.359 cents
125/96
576.538 cents
696.090 cents
768.717 cents
888.269 cents
960.897 cents
1080.448 cents
2/1

---

mean14.scl
3/14-comma mean-tone scale (Giordano Riccati, 1762)
12
81.426 cents
194.693 cents
307.960 cents
389.386 cents
502.654 cents
584.079 cents
697.347 cents
778.772 cents
892.040 cents
1005.307 cents
1086.733 cents
2/1

---

mean17.scl
4/17-comma mean-tone scale, least square error of 5/4 and 3/2
19
78.263 cents
156.526 cents
193.789 cents
272.052 cents
350.315 cents
387.579 cents
465.842 cents
503.105 cents
581.368 cents
659.631 cents
696.895 cents
775.158 cents
853.420 cents
890.684 cents
968.947 cents
1875/1024
1084.474 cents
1162.736 cents
2/1

---

mean18.scl
5/18-comma meantone scale (Smith)
12
71.867 cents
191.962 cents
312.057 cents
383.924 cents
504.019 cents
575.886 cents
695.981 cents
767.848 cents
887.943 cents
1008.038 cents
1079.905 cents
2/1

---

mean2sev_19.scl
19 of 2/7-comma
mean-tone scale
19
25/24
120.948 cents
191.621 cents
262.293 cents
312.569 cents
383.241 cents
453.914 cents
504.190 cents
574.862 cents
625.138 cents
695.810 cents
766.483 cents
816.759 cents
887.431 cents
958.103 cents
1008.379 cents
1079.052 cents
1149.724 cents
2/1
---
mean2sev_31.scl
31 of 2/7-comma
mean-tone scale
31
20.397 cents
25/24
120.948 cents
625/576
191.621 cents
241.897 cents
262.293 cents
312.569 cents
332.966 cents
383.241 cents
433.517 cents
453.914 cents
504.190 cents
524.586 cents
574.862 cents
625.138 cents
645.535 cents
695.810 cents
716.207 cents
766.483 cents
816.759 cents
837.155 cents
887.431 cents
937.707 cents
958.103 cents
1008.379 cents
1028.776 cents
1079.052 cents
48/25
1149.724 cents
2/1
---
mean2sev.scl
2/7-comma mean-tone
scale (Zarlino's tempe-
rament)
12
25/24
191.621 cents
312.569 cents
383.242 cents
504.190 cents
574.862 cents
695.811 cents
816.759 cents
887.431 cents
1008.380 cents
1079.052 cents
2/1
---
mean9.scl
2/9-comma mean-tone
scale
12
80.231 cents
194.352 cents
75/64
388.703 cents
502.824 cents
583.055 cents
697.176 cents
777.407 cents
891.528 cents
1005.648 cents
085.879 cents
2/1
---
mean9_19.scl
19 of 2/9-comma
mean-tone scale
19
80.231 cents
114.121 cents
194.352 cents
75/64
308.473 cents
388.703 cents
68.934 cents
502.824 cents
583.055 cents
616.945 cents
697.176 cents
777.407 cents
811.297 cents
891.528 cents
971.758 cents
1005.648 cents
1085.879 cents
1166.110 cents
2/1

MEANFIFTH.scl
1/5-comma mean-tone
scale
12
83.577 cents
195.308 cents
307.039 cents
390.615 cents
502.347 cents
585.923 cents
697.654 cents
781.230 cents
892.962 cents
1004.693 cents
15/8
2/1
---
meanfifth_19.scl
19 of 1/5-comma
mean-tone scale
19
83.576 cents
16/15
195.307 cents
278.884 cents
307.039 cents
390.615 cents
474.191 cents
502.346 cents
585.922 cents
614.078 cents
697.654 cents
781.230 cents
809.385 cents
892.961 cents
225/128
1004.693 cents
15/8
1171.845 cents
2/1
---
meanfifth_43.scl
Complete 1/5-comma
mean-tone scale
43
28.155 cents
55.421 cents
83.576 cents
16/15
138.997 cents
167.152 cents
195.307 cents
256/225
250.729 cents
278.884 cents
307.039 cents
334.305 cents
362.460 cents
390.615 cents
418.770 cents
446.036 cents
474.191 cents
502.346 cents
530.501 cents
557.767 cents
585.922 cents
614.078 cents
759375/524288
669.499 cents
697.654 cents
725.809 cents
50625/32768
781.230 cents
809.385 cents
836.651 cents
3375/2048
892.961 cents
921.116 cents
948.382 cents
225/128
1004.693 cents
1032.848 cents
1060.114 cents
15/8
1116.424 cents
1143.690 cents
1171.845 cents
2/1
---
meanharris.scl
1/4-Harrison's comma
mean-tone scale
12
78.178 cents
193.765 cents
271.943 cents
387.530 cents
503.117 cents
581.296 cents
696.883 cents
775.061 cents
890.648 cents
7/4
1084.413 cents
2/1
---
meanhar2.scl
1/9-Harrison's comma
mean-tone scale
12
74.233 cents
192.638 cents
7/6
385.276 cents
503.681 cents
577.914 cents
696.319 cents
770.552 cents
888.957 cents
963.190 cents
1081.595 cents
2/1

MEANHAR3.SCL
1/11-Harrison's com-
ma mean-tone scale
12
81.406 cents
194.687 cents
276.093 cents
389.375 cents
21/16
584.062 cents

697.344 cents
778.750 cents
892.031 cents
973.437 cents
1086.719 cents
2/1

---

meanhsev.scl
Mean-tone scale with harmonic seventh
41
35.425 cents
62.146 cents
88.866 cents
124.292 cents
151.012 cents
177.733 cents
213.158 cents
239.879 cents
266.599 cents
293.320 cents
328.745 cents
355.466 cents
382.186 cents
417.612 cents
444.332 cents
471.053 cents
497.773 cents
533.199 cents
559.919 cents
586.640 cents
622.065 cents
648.786 cents
675.506 cents
710.931 cents
49/32
764.373 cents
791.093 cents
826.518 cents
853.239 cents
879.960 cents
915.385 cents
942.105 cents
7/4
995.547 cents
1030.972 cents
1057.692 cents
1084.413 cents
1119.838 cents
1146.559 cents
1173.279 cents
2/1

---

meanlst357_19.scl!
19 of mean-tone scale, least square error in 3/2, 5/4 and 7/4
19
78.190 cents
115.578 cents
193.769 cents
271.959 cents
309.347 cents
387.537 cents
465.728 cents
503.116 cents
581.306 cents
618.694 cents
696.884 cents
775.075 cents
812.463 cents
890.653 cents
968.844 cents
1006.231 cents
1084.422 cents
1162.612 cents
2/1

---

meanpi.scl
Pi-based meantone with Harrison's major third by Erv Wilson
12
88.733 cents
204.507 cents
293.240 cents
381.972 cents
497.747 cents
586.479 cents
702.254 cents
790.986 cents
879.718 cents
995.493 cents
1084.225 cents
2/1

---

meanpi2.scl
Pi-based meantone by Erv Wilson analogous to 22-tET
12
163.756 cents
218.216 cents
381.972 cents
436.432 cents
600.188 cents
654.648 cents
709.108 cents
872.864 cents
927.324 cents
1091.080 cents
1145.540 cents
2/1

---

meanquar_19.scl
19 of 1/4-comma mean-tone scale
19
76.049 cents
117.108 cents
193.157 cents
269.206 cents
310.265 cents
5/4
462.363 cents
503.422 cents
579.471 cents
620.529 cents
696.578 cents
25/16
8/5
889.735 cents
965.784 cents
1006.843 cents
1082.892 cents
125/64
2/1

---

meanquar_27.scl
Complete 1/4-comma mean-tone scale
27
76.049 cents
117.108 cents
152.098 cents
193.157 cents
234.216 cents
269.206 cents
310.265 cents
5/4
32/25
462.363 cents
503.422 cents
579.471 cents
620.529 cents
655.520 cents
696.578 cents
737.637 cents
25/16
8/5
848.676 cents
889.735 cents
930.794 cents
965.784 cents
1006.843 cents
1082.892 cents
1123.951 cents
125/64
2/1

---

meanquar.scl
1/4-comma mean-tone scale
12
76.049 cents
193.157 cents
310.265 cents
5/4
503.421 cents
579.470 cents
696.578 cents
25/16
889.735 cents
1006.843 cents
1082.892 cents
2/1

---

meansabat.scl
1/9-schisma mean-tone scale Sabat-Garibaldi's
12
112.165 cents
203.476 cents
6/5
406.952 cents
498.262 cents
610.428 cents
701.738 cents
813.903 cents
905.214 cents
1017.379 cents
1108.690 cents
2/1

---

meanschis.scl
1/8-schisma mean-tone scale Helmholtz
12
91.446 cents
203.422 cents
294.868 cents
5/4
498.289 cents
589.735 cents
701.711 cents
793.157 cents
884.603 cents
996.578 cents
1088.025 cents
2/1

---

meanschis7.scl
1/7-schisma mean-tone scale
12
91.621 cents
203.352 cents
294.972 cents
386.593 cents
498.324 cents
589.945 cents
701.676 cents
793.296 cents
884.917 cents
996.648 cents
15/8
2/1

---

meansept2.scl
Mean-tone scale with septimal neutral second
19
77.570 cents
35/32
193.591 cents
271.161 cents
348.730 cents
387.183 cents
464.752 cents
503.204 cents
580.774 cents

658.344 cents
696.796 cents
774.365 cents
851.935 cents
890.387 cents
967.957 cents
1045.526 cents
1083.978 cents
1161.548 cents
2/1

MEANSEPT3.SCL
Mean-tone scale with septimal minor third
41
35.950 cents
62.453 cents
88.957 cents
124.907 cents
151.410 cents
177.914 cents
213.864 cents
240.367 cents
7/6
293.374 cents
329.324 cents
355.828 cents
382.331 cents
418.281 cents
444.785 cents
471.288 cents
497.791 cents
49/36
560.245 cents
586.748 cents
622.698 cents
649.202 cents
675.705 cents
711.655 cents
738.159 cents
764.662 cents
791.166 cents
827.116 cents
853.619 cents
880.122 cents
916.073 cents
942.576 cents
969.079 cents
995.583 cents
1031.533 cents
1058.036 cents
1084.540 cents
1120.490 cents
1146.993 cents
1173.497 cents
2/1

---

meansept4.scl
Mean-tone scale with septimal narrow fourth
41
34.820 cents
61.791 cents
88.762 cents
123.582 cents
150.553 cents
177.524 cents
212.344 cents
239.315 cents
266.286 cents
293.257 cents
328.077 cents
355.048 cents
382.019 cents
416.839 cents
443.810 cents
21/16
497.752 cents
532.572 cents
559.543 cents
586.514 cents
621.334 cents
648.305 cents
675.277 cents
710.096 cents
737.068 cents
764.039 cents
791.010 cents
825.830 cents
852.801 cents
879.772 cents
914.592 cents
441/256
968.534 cents
995.505 cents
1030.325 cents
1057.296 cents
1084.267 cents
1119.087 cents
1146.058 cents
1173.029 cents
2/1

---

meansept5.scl
Mean-tone scale with septimal diminished fifth
29
50.451 cents
85.427 cents
135.878 cents
170.854 cents
221.305 cents
256.280 cents
291.256 cents
341.707 cents
376.683 cents
427.134 cents
462.110 cents
497.085 cents
547.536 cents
7/5
632.963 cents
667.939 cents
718.390 cents
753.366 cents
788.341 cents
838.793 cents
873.768 cents
924.219 cents
959.195 cents
994.171 cents
1044.622 cents
1079.598 cents
1130.049 cents
49/25
2/1

---

meansept6.scl
Mean-tone scale with septimal neutral second
41
40.866 cents
65.335 cents
89.805 cents
130.671 cents
35/32
179.609 cents
220.475 cents
244.944 cents
269.414 cents
293.883 cents
334.749 cents
359.218 cents
383.687 cents
424.554 cents
449.023 cents
473.492 cents
497.961 cents
538.827 cents
563.296 cents
587.765 cents
628.632 cents
653.101 cents
677.570 cents
718.436 cents
742.905 cents
767.375 cents
791.844 cents
832.710 cents
857.179 cents
881.648 cents
922.514 cents
946.984 cents
971.453 cents
995.922 cents
1036.788 cents
1061.257 cents
1085.726 cents
1126.593 cents
1151.062 cents
1175.531 cents
2/1

---

meansept.scl
Mean-tone scale with septimal diminished fifth
12
79.598 cents
194.171 cents
273.769 cents
388.342 cents
502.915 cents
7/5
697.085 cents
776.683 cents
891.256 cents
970.854 cents
1085.427 cents
2/1

---

meansev.scl
1/7-comma mean-tone scale
12
135/128
197.765 cents
303.352 cents
395.531 cents
501.117 cents
593.296 cents
698.883 cents
791.061 cents
896.648 cents
1002.235 cents
1094.413 cents
2/1

---

meansixth.scl
1/6-comma mean-tone scale (tritonic temperament of Salinas)
12
88.594 cents
196.741 cents
304.888 cents
393.482 cents
501.629 cents
45/32
698.371 cents
786.965 cents
895.112 cents
1003.259 cents
1091.853 cents
2/1

---

meansixth_19.scl
19 of 1/6-comma mean-tone scale
19
88.594 cents
108.147 cents
196.741 cents
285.336 cents
304.888 cents
393.482 cents
482.077 cents
501.629 cents
45/32
64/45

698.371 cents
786.965 cents
806.518 cents
895.112 cents
983.706 cents
1003.259 cents
1091.853 cents
2025/1024
2/1

MEANTHIRD.SCL
1/3-comma mean-tone scale
12
63.504 cents
189.573 cents
6/5
379.145 cents
505.214 cents
25/18
694.787 cents
758.290 cents
5/3
1010.428 cents
1073.932 cents
2/1
---
meanthird_19.scl
Complete 1/3-comma mean-tone scale
19
63.504 cents
126.069 cents
189.572 cents
125/108
6/5
379.145 cents
442.649 cents
505.214 cents
25/18
36/25
694.786 cents
758.290 cents
820.855 cents
5/3
947.862 cents
1010.428 cents
1073.931 cents
1136.496 cents
2/1
---
mercator.scl
19 out of 53-tET, see Mandelbaum p. 331
19
67.925 cents
113.208 cents
181.132 cents
271.698 cents
339.623 cents
384.906 cents
430.189 cents
498.113 cents
566.038 cents
611.321 cents
679.245 cents
769.811 cents
815.094 cents
883.019 cents
950.943 cents
996.226 cents
1086.793 cents
1154.717 cents
2/1
---
mersen_l1.scl
Mersenne lute 1
12
16/15
10/9
6/5
5/4
4/3
64/45
3/2
8/5
5/3
9/5
15/8
2
---
mersen_l2.scl
Mersenne lute 2
12
16/15
9/8
6/5
5/4
4/3
64/45
3/2
8/5
5/3
9/5
15/8
2
---
mersen_s1.scl
Mersenne spinet 1
12
16/15
10/9
6/5
5/4
4/3
64/45
3/2
8/5
5/3
16/9
15/8
2
---
mersen_s2.scl
Mersenne spinet 2
12
25/24
9/8
75/64
5/4
4/3
25/18
3/2
25/16
5/3
16/9
15/8
2
---
metabolika.scl
Metabolika, lyra tuning: soft diatonic and tonic diatonic
7
21/20
7/6
4/3
3/2
14/9
16/9
2
---
mid_enh1.scl
Mid-Mode1 Enharmonic, permutation of Archytas's with the 5/4 lying medially
7
36/35
9/7
4/3
3/2
54/35
27/14
2/1
---
mid_enh2.scl

Permutation of Archytas' Enharmonic with the 5/4 medially and 28/27 first
7
28/27
35/27
4/3
3/2
14/9
35/18
2/1
---
minor_duo.scl
Minor Duodene
12
10/9
9/8
6/5
5/4
4/3
27/20
3/2
8/5
5/3
9/5
15/8
2
---
miscf.scl
SupraEnh1
9
28/27
16/15
4/3
81/56
3/2
14/9
8/5
27/14
2/1
---
miscg.scl
SupraEnh 2
9
28/27
16/15
9/7
4/3
3/2
14/9
8/5
27/14
2/1
---
misch.scl
SupraEnh 3
9
28/27
16/15
9/7
4/3
3/2
14/9
15/8
27/14
2/1
---
mix_ennea3.scl
A mixture of the hemiolic chromatic and diatonic genera, 75 +75 +150 +200 c
9
75.000 cents
150.000 cents
300.000 cents
500.000 cents
700.000 cents
775.000 cents
850.000 cents
1000.000 cents
2/1
---

mehrere Mischungen, darunter:

mixed9_6.scl
Mixed 9-tonic 6, Mixture of Chromatic and Diatonic
9
100.000 cents
200.000 cents
300.000 cents
500.000 cents
700.000 cents
800.000 cents
900.000 cents
1000.000 cents
2/1

---

mixol_chrom.scl
Mixolydian chromatic tonos
24
22/21
11/10
22/19
44/37
11/9
11/8
11/7
44/27
88/53
22/13
11/6
2/1
44/21
11/5
44/19
88/37
22/9
11/4
22/7
88/27
176/53
44/13
11/3
4/1

---

mixol_diat.scl
Mixolydian diatonic tonos
24
22/21
11/10
11/9
22/17
11/8
22/15
11/7
22/13
44/25
11/6
44/23
2/1
44/21
11/5
22/9
44/17
11/4
44/15
22/7
44/13
88/25
11/3
88/23
4/1

---

mixol_diatcon.scl
A Mixolydian Diatonic with its own trite syn-emmenon replacing paramese
7
14/13
7/6
14/11
3/2
14/9
7/4
2/1

---

mixol_diatinv.scl

A Mixolydian Diatonic with its own trite syn-emmenon replacing paramese
7
8/7
9/7
4/3
11/7
12/7
13/7
2/1

---

mixol_enh.scl
Mixolydian enharmonic tonos
24
22/21
11/10
44/39
8/7
22/19
4/3
11/7
8/5
176/109
44/27
88/49
2/1
44/21
11/5
88/39
16/7
44/19
8/3
22/7
16/5
352/109
88/27
176/49
4/1

---

mixol_pis.scl
The Diatonic Perfect Immutable System in the Mixolydian Tonos
15
11/10
11/9
11/8
11/7
22/13
11/6
2/1
44/21
11/5
22/9
11/4
22/7
44/13
11/3
4/1

---

montvallon.scl
Montvallon
12
135/128
9/8
6/5
5/4
4/3
45/32
3/2
405/256
5/3
16/9
15/8
2

---

neidhardt.scl
Neidhardt temperament (1724)
12
96.090 cents
196.090 cents
298.045 cents
394.135 cents
500.000 cents
596.090 cents
698.045 cents
796.090 cents
894.135 cents
1000.000 cents
1096.090 cents
2/1

NEUTR_DIAT.SCL
Neutral Diatonic, 9 + 9 +12 parts
7
150.000 cents
300.000 cents
500.000 cents
700.000 cents
850.000 cents
1000.000 cents
2/1

NEUTR_DIAT2.SCL
Neutral Diatonic, 9 + 12 +9 parts
7
150.000 cents
350.000 cents
500.000 cents
700.000 cents
850.000 cents
1050.000 cents
2/1

---

new_diatsoft.scl
New Soft Diatonic genus with equally divided Pyknon; Dorian Mode; 1:1 pyknon
7
250.000 cents
375.000 cents
500.000 cents
700.000 cents
950.000 cents
1075.000 cents
2/1

---

new_enh.scl
New Enharmonic
7
81/80
16/15
4/3
3/2
243/160
8/5
2/1

NEW_ENH2.scl
P2 New Enharmonic
7
5/4
81/64
4/3
3/2
15/8
243/128
2/1

OCTONY_trans.scl
Complex 10 of p. 115, an Octony based on Archytas's Enharmonic,

8
28/27
16/15
5/4
4/3
25/16
45/28
5/3
2/1

OCTONY_trans2.scl
Complex 6 of p. 115 based on Archytas's Enharmonic, an Octony
8
28/27
16/15
135/112
243/196
9/7
4/3
27/14
2/1

---

octony_trans3.scl
Complex 5 of p. 115 based on Archytas's Enharmonic, an Octony
8
28/27
16/15
75/64
135/112
5/4
4/3
15/8
2/1

OCTONY_TRANS4.scl Complex 11 of p. 115, an Octony based on Archytas's Enharmonic, 8 tones
8
28/27
16/15
9/7
4/3
45/28
81/49
12/7
2/1

OCTONY_TRANS5.scl Complex 15 of p. 115, an Octony based on Archytas's Enharmonic, 8 tones
8
28/27
16/15
175/144
5/4
35/27
4/3
35/18
2/1

OCTONY_TRANS6.scl Complex 14 of p. 115, an Octony based on Archytas's Enharmonic, 8 tones
8
36/35
28/27
16/15
9/7
324/245
4/3
48/35
2/1

---

octony7.scl
7-limit Octony. See Ch.6 p.118 an Euler Genus Musicum on white keys +Bb
8
35/32
5/4
21/16
3/2
105/64
7/4
15/8
7/1

---

odd1.scl
ODD-1
12
25/24
6/5
5/4
36/25
3/2
25/16
8/5
5/3
9/5
15/8
48/25
2/1

Olympos.scl
Scale of ancient Greek flutist Olympos, 6th century BC as reported by Partch
5
16/15
4/3
64/45
16/9
2/1

---

opelt.scl
Opelt 19-tone
19
25/24
27/25
9/8
75/64
6/5
5/4
32/25
4/3
25/18
36/25
3/2
25/16
8/5
5/3
125/72
9/5
15/8
48/25
2/1

---

parachrom.scl
Parachromatic, new genus 5 +5 +20 parts
7
83.333 cents
166.667 cents
500.000 cents
700.000 cents
783.333 cents
866.667 cents
2/1

---

pareja.scl
Ramis de Pareja
12
135/128
10/9
32/27
5/4
4/3
45/32
3/2
128/81
5/3
16/9
15/8
2

---

partch_greek.scl
Partch Greek scales from "Two Studies on Ancient Greek Scales" on black/white
12
1/1
28/27
9/8
16/15
4/3
6/5
3/2
3/2
14/9
8/5
8/5
2/1
The black notes are the 5-tone scale of Olympus (C#=1/1). The white notes are the 7-tone enharmonic (C=1/1).

---

perrett-tt.scl
Perrett Tierce-Tone
19
21/20
35/32
9/8
7/6
6/5
5/4
21/16
4/3
7/5
35/24
3/2
63/40
8/5
5/3
7/4
9/5
15/8
63/32
2/1

---

perrett.scl
Perrett / Tartini / Pachymeres Enharmonic
7
21/20
16/15
4/3
3/2
63/40
8/5
2/1

---

phryg_chromcon.scl
Inverted Conjunct Chromatic Phrygian
7
13/12
4/3
17/12
3/2
11/6
23/12
2/1

PHRYG_CHROMco

n2.scl Harmonic Conjunct Chromatic Phrygian
7
13/12
9/8
7/6
3/2
19/12
5/3
2/1
---
phryg_diatcon.scl
A Phrygian Diatonic with its own trite synemmenon replacing paramese
7
12/11
6/5
4/3
24/17
12/7
24/13
2/1

PHRYG_ENHcon.scl
Harmonic Conjunct Enharmonic Phrygian
7
13/12
53/48
9/8
3/2
37/24
19/12
2/1
---
phryg_invcon.scl
Inverted Conjunct Phrygian Harmonia with 17, the local Trite Synemmenon
7
13/12
7/6
17/12
3/2
5/3
11/6
2/1
---
phryg_pis.scl
The Diatonic Perfect Immutable System in the Phrygian Tonos
15
9/8
9/7
18/13
3/2
18/11
9/5
2/1
36/17
9/4
18/7
36/13
3/1
36/11
18/5
4/1

PHRYGIAN7.SCL
Old Phrygian?, also McClain's 7-tone scale
7
10/9
6/5
4/3
3/2
5/3
9/5
2/1

PHRYGIAN_CHROM.scl Phrygian Chromatic Tonos
24
18/17
9/8
6/5
36/29
9/7
18/13
3/2
36/23
8/5
18/11
9/5
2/1
36/17
9/4
12/5
72/29
18/7
36/13
3/1
72/23
16/5
36/11
18/5
4/1

PHRYGIAN_DIAT.SCL Phrygian Diatonic Tonos
24
18/17
9/8
9/7
4/3
18/13
36/25
3/2
18/11
12/7
9/5
36/19
2/1
36/17
9/4
18/7
8/3
36/13
72/25
3/1
36/11
24/7
18/5
72/19
4/1
---
phrygian_enh.scl
Phrygian Enharmonic Tonos
12
18/17
9/8
36/31
72/61
6/5
4/3
3/2
72/47
48/31
36/23
72/41
2/1
---
phrygian_harm.scl
Phrygian Harmonia-Aliquot 24 (flute tuning)
12
24/23
12/11
8/7
6/5
24/19
4/3
24/17
3/2
8/5
12/7
24/13
2/1
---
phrygian.scl
Old Phrygian ?
12
10/9
6/5
5/4
4/3
27/20
40/27
3/2
8/5
5/3
16/9
9/5
2

pipedum_31.scl
Scale with homophonic intervals 81/80 225/224 1029/1024
31
8505/8192
135/128
2205/2048
567/512
9/8
147/128
1215/1024
19845/16384
315/256
81/64
1323/1024
21/16
178605/131072
2835/2048
45/32
11907/8192
189/128
3/2
25515/16384
405/256
6615/4096
1701/1024
27/16
441/256
3645/2048
59535/32768
945/512
243/128
3969/2048
63/32
2/1

PORTBAG1.SCL
Portugese bagpipe tuning
7
14/13
81/68
32/25
36/25
128/81
7/4
2/1
---
portbag2.scl
Portugese bagpipe tuning 2
10
21/20
14/13
32/27
17/14
21/16

64/45
3/2
25/16
59/32
2/1

ps-dorian.scl
Complex 4 of p. 115 based on Archytas's Enharmonic
7
28/27
16/15
4/3
3/2
15/8
27/14
2/1
---
ps-enh.scl
Dorian mode of an Enharmonic genus found in Ptolemy's Harmonics
7
56/55
16/15
4/3
3/2
84/55
8/5
2/1

PS-HYPOD1.scl
Complex 7 of p. 115 based on Archytas's Enharmonic
7
9/8
45/32
81/56
3/2
14/9
8/5
2/1

PS-HYPOD2.scl
Complex 8 of p. 115 based on Archytas's Enharmonic
7
9/8
7/6
6/5
3/2
15/8
27/14
2/1
---
ps-hypod.scl
Complex 7 of p. 115 based on Archytas's Enharmonic
7
9/8
45/32
81/56
3/2
14/9
8/5
2/1
---
ps-mixol.scl
Complex 3 of p. 115 based on Archytas's Enharmonic
7
28/27
16/15
4/3
5/3
12/7
16/9
2/1
---
ptolemy_iast.scl
Ptolemy's Iastia or Lydia tuning, mixture of Tonic Diatonic & Intense Diatonic
7
28/27
32/27
4/3
3/2
8/5
9/5
2/1

PTOLEMY_intchrom.scl Dorian mode of Ptolemy's Intense Chromatic
7
22/21
8/7
4/3
3/2
11/7
12/7
2/1

PTOLEMY_malak.scl Ptolemy's Malaka lyra tuning, a mixture of Intense Chrom. & Tonic Diatonic
7
22/21
8/7
4/3
3/2
14/9
16/9
2/1

PTOLEMY_MALAK2.scl Malaka lyra, mixture of his Soft Chromatic and Tonic Diatonic
7
28/27
10/9
4/3
3/2
14/9
16/9
2/1
---
ptolemy_maldiat.scl
Ptolemy soft diatonic
7
21/20
7/6
4/3
3/2
63/40
7/4
2/1

PTOLEMY_MALDIAT2.scl permuted Ptolemy soft diatonic
7
10/9
7/6
4/3
3/2
5/3
7/4
2/1

PTOLEMY_MALDIAT3.scl permuted Ptolemy soft diatonic
7
8/7
6/5
4/3
3/2
12/7
9/5
2/1
---
ptolemy_meta.scl
Metabolika lyra tuning, mixture of Soft Diatonic & Tonic Diatonic
7
21/20
7/6
4/3
3/2
14/9
16/9
2/1

PTOLEMY_Aiolika.scl Ptolemy's kithara tuning, mixture of Tonic Diatonic and Ditone Diatonic
7
28/27
32/27
4/3
3/2
27/16
16/9
2/1
---
ptolemy_chrom.scl
Ptolemy Soft Chromatic
7
28/27
10/9
4/3
3/2
14/9
5/3
2/1

Ptolemy's Diatonon Ditoniaion
7
28/27
32/27
4/3
3/2
14/9
16/9
2
---
ptolemy_diat2.scl
Dorian mode of a permutation of Ptolemy's Tonic Diatonic
7
28/27
7/6
4/3
3/2
14/9
7/4
2/1

PTOLEMY_DIAT3.scl Dorian mode of the remaining permutation of Ptolemy's Intense Diatonic
7
9/8
6/5
4/3
3/2
27/16

9/5
2/1

PTOLEMY_DIAT4.scl permuted Ptolemy's diatonic
7
8/7
32/27
4/3
3/2
12/7
16/9
2/1

PTOLEMY_dor.scl
Dorian mode of Ptolemy's Intense Diatonic (Diatonon Syntonon)
7
16/15
6/5
4/3
3/2
8/5
9/5
2/1

PTOLEMY_enh.scl
Dorian mode of Ptolemy's Enharmonic
7
46/45
16/15
4/3
3/2
23/15
8/5
2/1

PTOLEMY_hom.scl
Dorian mode of Ptolemy's Equable Diatonic or Diatonon Homalon
7
12/11
6/5
4/3
3/2
18/11
9/5
2/1
---
ptolemy.scl
Intense Diatonic Systonon
7
9/8
5/4
4/3
3/2
5/3
15/8
2
---
pure_19.scl
5-limit 19-tone scale
19
25/24
135/128
16/15
9/8
75/64
6/5
5/4
4/3
27/20
45/32
3/2
25/16
8/5
5/3
27/16
225/128
9/5
15/8
2/1
---
pure_22.scl
5-limit 22-tone scale
22
25/24
16/15
27/25
9/8
75/64
6/5
5/4
32/25
125/96
4/3
25/18
36/25
3/2
25/16
8/5
5/3
125/72
9/5
15/8
48/25
125/64
2/1

PURMAJ.SCL
Pure (just) C major, see Wilkinson: Tuning In
12
16/15
9/8
6/5
5/4
4/3
45/32
3/2
8/5
5/3
16/9
15/8
2/1

purmin.scl
Pure (just) C minor, see Wilkinson: Tuning In
12
25/24
10/9
6/5
5/4
4/3
45/32
3/2
8/5
5/3
16/9
15/8
2/1
---
pyth_12.scl
12-tone Pythagorean scale
12
2187/2048
9/8
32/27
81/64
4/3
729/512
3/2
6561/4096
27/16
16/9
243/128
2/1
---
pyth_17.scl
17-tone Pythagorean scale
17
256/243
2187/2048
9/8
32/27
19683/16384
81/64
4/3
1024/729
729/512
3/2
128/81
6561/4096
27/16
16/9
59049/32768
243/128
2/1
---
pyth_22.scl
Pythagorean shrutis
22
256/243
2187/2048
65536/59049
9/8
32/27
19683/16384
8192/6561
81/64
4/3
177147/131072
1024/729
729/512
3/2
128/81
6561/4096
32768/19683
27/16
16/9
59049/32768
4096/2187
243/128
2/1
---
pyth_27.scl
27-tone Pythagorean scale
27
531441/524288
256/243
2187/2048
65536/59049
9/8
4782969/4194304
32/27
19683/16384
8192/6561
81/64
4/3
177147/131072
1024/7297
729/512
262144/17147
3/2
1594323/1048576
128/81
6561/4096
32768/19683
27/16
14348907/8388608
16/9
59049/32768
4096/2187
243/128
2/1
---
pyth_31.scl
31-tone Pythagorean scale
31
531441/524288

256/243
2187/2048
1162261467/10737418
4
9/8
4782969/4194304
32/27
19683/16384
341.055 cents
8192/6561
81/64
43046721/33554432
4/3
177147/131072
1024/729
729/512
387420489/268435456
3/2
1594323/1048576
128/81
6561/4096
839.100 cents
27/16
14348907/8388608
16/9
59049/32768
1043.010 cents
4096/2187
243/128
129140163/67108864
2/1

---

pyth_chrom.scl
Dorian mode of the so-called Pythagorean chromatic, recorded by Gaudentius
8
256/243
9/8
4/3
3/2
128/81
27/16
16/9
2/1

---

quint_chrom.scl
Aristides Quintilianus' Chromatic genus
7
18/17
9/8
4/3
3/2
27/17
27/16
2/1

---

rameau.scl
Rameau scale (1725)
12
86.803 cents
193.157 cents
297.801 cents
386.314 cents
503.421 cents
584.848 cents
696.579 cents
788.758 cents
889.735 cents
1006.843 cents
1082.892 cents
2

---

rameau-min.scl
Rameau's systeme diatonique mineur on E. Asc. 4-6-8-9, desc. 9-7-5-4
9
9/8
6/5
27/20
3/2
8/5
27/16
9/5
15/8
2/1

---

rameau-nouv.scl
Temperament by Rameau in Nouveau Systeme (1726)
12
92.472 cents
193.157 cents
302.053 cents
5/4
503.422 cents
587.682 cents
696.578 cents
797.263 cents
889.735 cents
1006.843 cents
1082.892 cents
2/1

---

ramis.scl
Ramis's Monochord
12
135/128
10/9
32/27
5/4
4/3
45/32
3/2
8/5
5/3
16/9
15/8
2/1

---

redfield.scl
Redfield New Diatonic
7
10/9
5/4
4/3
3/2
5/3
15/8
2/1

---

reinhard.scl
Reinhard
12
18/17
9/8
45/38
5/4
4/3
24/17
3/2
30/19
5/3
30/17
15/8
2/1

---

romieu.scl
Romieu
12
25/24
9/8
6/5
5/4
4/3
45/32
3/2
25/16
5/3
16/9
15/8
2

---

rousseau.scl
Rousseau
12
25/24
9/8
6/5
5/4
4/3
25/18
3/2
8/5
5/3
125/72
15/8
2

---

salinas_enh.scl
Salinas's Enharmonic
7
25/24
16/15
4/3
3/2
25/16
8/5
2/1

savas_bardiat.scl
Savas's Byzantine Liturgical mode, 8 + 12 +10 parts
7
133.333 cents
333.333 cents
500.000 cents
700.000 cents
833.333 cents
1033.333 cents
2/1

---

savas_barenh.scl
Savas's Byzantine Liturgical mode, 8 + 16 +6 parts
7
133.333 cents
400.000 cents
500.000 cents
700.000 cents
833.333 cents
1100.000 cents
2/1

---

savas_chrom.scl
Savas's Chromatic, Byzantine Liturgical mode, 8 +14 +8 parts
7
133.333 cents
366.667 cents
500.000 cents
700.000 cents
833.333 cents
1066.667 cents
2/1

---

savas_diat.scl
Savas's Diatonic, Byzantine Liturgical mode, 10 +8 +12 parts
7
166.667 cents
300.000 cents
500.000 cents
700.000 cents
?66.667 cents
1000.000 cents
2/1

---

savas_palace.scl
Savas's Byzantine Liturgical mode, 6 +

20 +4 parts
7
100.000 cents
433.333 cents
500.000 cents
700.000 cents
800.000 cents
1133.333 cents
2/1
---
schismic.scl
Scale with major thirds flat by a schisma
12
2187/2048
9/8
19683/16384
8192/6561
4/3
1024/729
3/2
6561/4096
32768/19683
59049/32768
4096/2187
2/1
---
scotbag.scl
Scottish bagpipe tuning
7
10/9
5/4
15/11
40/27
5/3
11/6
2/1
---
scotbag2.scl

Scottish bagpipe tuning 2
7
10/9
11/9
4/3
3/2
18/11
9/5
2/1
---
scotbag3.scl
Scottish bagpipe tuning 3
7
9/8
5/4
11/8
3/2
27/16
11/6
2/1

SCOTBAG4.SCL
Scottish Bagpipe Ellis/Land
7
197.000 cents
341.000 cents
495.000 cents
703.000 cents
853.000 cents
1009.000 cents
2/1
---
secor.scl
George Secor's well temperament with 5 pure 11/7 and 3 near just 11/6
17
66.7425
144.855
214.440
278.340
353.610
428.880
492.780
562.365
640.4775
707.220
771.120
849.2325
921.660
985.560
1057.9875
1136.10
2/1
---
seikilos.scl
Seikilos Tuning
12
28/27
9/8
7/6
9/7
4/3
49/36
3/2
14/9
27/16
7/4
27/14
2/1
---
serre_enh.scl
Dorian mode of the Serre's Enharmonic
7
64/63
16/15
4/3
3/2
32/21
8/5
2/1

SHARM1E-lyd.scl
Subharm1E-Lydian
8
26/21
52/41
13/10
19/13
13/9
52/27
104/53
2/1
---
sharm1e-mix.scl
Subharm1E-Mixolydi
7
28/23
56/45
14/11
7/5
28/15
56/29
2/1
---
sharm1e-phr.scl
Subharm1E-Phrygian
7
24/19
48/37
4/3
3/2
48/25
96/49
2/1
---
sharm1c-conm.scl
Subharm1C-ConMixolydian
7
7/6
28/23
14/11
14/9
28/17
7/4
2/1
---
sharm1c-conp.scl
Subharm1C-ConPhry
7
6/5
24/19
4/3
8/5
12/7
24/13
2/1
---
sharm1c-dor.scl
Subharm1C-Dorian
8
11/9
22/17
11/8
22/15
11/7
11/6
23/11
2/1
---
sharm1c-lyd.scl
Subharm1C-Lydian
8
13/11
26/21
13/10
19/13
13/9
13/7
52/27
2/1
---
sharm1c-mix.scl
Subharm1C-Mixolydi
7
7/6
28/23
14/11
7/5
7/4
28/15
2/1
---
sharm1c-phr.scl
Subharm1C-Phrygian
7
6/5
24/19
4/3
3/2
24/13
48/25
2/1

SHARM1E-CONM.SCL
Subharm1E-ConMixo
7
28/23
56/45
14/11
28/17
56/33
7/4
2/1
---
sharm1e-conp.scl
Subharm1E-ConPhrygian
7
24/19
48/37
4/3
12/7

16/9
24/13
2/1
---
sharm1e-dor.scl
Subharm1E-Dorian
8
22/17
4/3
11/8
22/15
11/7
44/23
88/45
2/1

SHARM2C-15.scl
Subharm2C-15-Harmonia
7
5/4
30/23
15/11
3/2
30/17
15/8
2/1
---
sharm2c-hypod.scl
SHarm2C-Hypodorian
8
16/13
32/25
4/3
32/23
16/11
16/9
32/17
2/1

SHarm2C-Hypol.scl
SHarm2C-Hypolydian
8
20/17
5/4
4/3
10/7
20/13
20/11
40/21
2/1

SHarm2C-Hypop.scl
SHarm2C-Hypophrygian
8
9/7
4/3
18/13
36/25
3/2
9/5
36/19
2/1
---
sharm2e-15.scl
Subharm2E-15-Harmonia
7
30/23
4/3
15/11
3/2
15/8
60/31
2/1

SHarm2E-Hypod.scl
SHarm2E-Hypodorian
8
32/25
64/49
4/3
32/23
16/11
32/17
64/33
2/1

SHarm2E-Hypol.scl
SHarm2E-Hypolydian
8
5/4
40/31
4/3
10/7
20/13
40/21
80/41
2/1

SHarm2E-Hypop.scl
SHarm2E-Hypophrygian
8
4/3
72/53
18/13
36/25
3/2
36/19
72/37
2/1
---
sherwood.scl
Sherwood's improved meantone temperament
12
114.420 cents
194.501 cents
308.921 cents
389.002 cents
503.422 cents
583.503 cents
697.923 cents
812.342 cents
892.424 cents
1006.843 cents
1086.925 cents
1201.344 cents

Smith.scl
Roger K. Smith, "Multitonic" scale, just version
19
21/20
35/32
9/8
7/6
6/5
5/4
21/16
4/3
7/5
35/24
3/2
14/9
8/5
5/3
7/4
9/5
28/15
35/18
2/1

SOFTDIAT2.scl
New Soft Diatonic genus with equally divided Pyknon; Dorian Mode; 1:1 pyknon
7
125.000 cents
375.000 cents
500.000 cents
700.000 cents
825.000 cents
1075.000 cents
2/1
---
stanhope.scl
Well temperament of Charles, third earl of Stanhope, 1806
12
91.202 cents
196.741 cents
295.112 cents
5/4
4/3
589.247 cents
3/2
793.157 cents
891.527 cents
16/9
15/8
2
---
stelhex3.scl
Stellated Tetrachordal Hexany based on Archytas's Enharmonic
14
28/27
16/15
784/729
448/405
256/225
35/27
4/3
48/35
112/81
64/45
1792/1215
224/135
16/9
2/1

Subharmonics 24-1
24
1/24
1/23
1/22
1/21
1/20
1/19
1/18
1/17
1/16
1/15
1/14
1/13
1/12
1/11
1/10
1/9
1/8
1/7
1/6
1/5
1/4
1/3
1/2
1/1
---
sub8.scl
Subharmonic series
1/16 - 1/8
8
16/15
8/7
16/13
4/3
16/11
8/5
16/9
2/1
---
super_12_1.scl
One but most equal superparticular 12-tone

scale
12
15/14
8/7
17/14
9/7
19/14
10/7
3/2
8/5
17/10
9/5
19/10
2/1
---
super_12_2.scl
Two but most equal superparticular 12-tone scale
12
15/14
8/7
17/14
9/7
19/14
10/7
3/2
45/28
12/7
38/21
40/21
2/1
---
super_19_1.scl
Superparticular 19-tone scale
19
26/25
27/25
28/25
29/25
6/5
56/45
58/45
4/3
25/18
13/9
3/2
39/25
81/50
42/25
87/50
9/5
28/15
29/15
2/1
---
super_12.scl
Most equal superparticular 12-tone scale
12
16/15
17/15
6/5
19/15
4/3
64/45
68/45
8/5
76/45
16/9
17/9
2/1
---
super_19.scl
Superparticular 19-tone scale
19
25/24
13/12
9/8
7/6
29/24
5/4
13/10
27/20
7/5
29/20
3/2
39/25
81/50
42/25
87/50
9/5
28/15
29/15
2/1
---
temes.scl
Temes' 5-tone Phi scale / 2 cycle
10
273.000 cents
366.910 cents
466.181 cents
560.090 cents
833.090 cents
1100.729 cents
2/1
1299.271 cents
1393.181 cents
1666.181 cents
---
terpander.scl
One modern guess at the scale of the ancient greek poet Terpander, 6th c BC
6
11/10
11/9
11/8
11/7
11/6
2
---
tetraphonic_31.scl
31-tone Tetraphonic Cycle, conjunctive form on 5/4, 6/5, 7/6 and 8/7
31
50/49
25/24
50/47
25/23
10/9
25/22
50/43
25/21
50/41
5/4
60/47
30/23
4/3
15/11
60/43
10/7
60/41
3/2
49/32
147/94
147/92
49/30
147/88
147/86
7/4
84/47
42/23
28/15
21/11
84/43
2/1
---
tiby1.scl
Tiby's 1st Byzantine Liturgical genus, 12 + 13 +3 parts
7
211.765 cents
441.176 cents
494.118 cents
705.882 cents
917.647 cents
1147.059 cents
2/1
---
tiby2.scl
Tiby's second Byzantine Liturgical genus, 12 +5 +11 parts
7
211.765 cents
300.000 cents
494.118 cents
705.882 cents
917.647 cents
1005.882 cents
2/1
---
tiby3.scl
Tiby's third Byzantine Liturgical genus, 12 + 9 +7 parts
7
211.765 cents
370.588 cents
494.118 cents
705.882 cents
917.647 cents
1076.471 cents
2/1
---
tiby4.scl
Tiby's fourth Byzantine Liturgical genus, 9 +12 +7 parts
7
158.824 cents
370.588 cents
494.118 cents
705.882 cents
864.706 cents
1076.471 cents
2/1
---
tonos15_pis.scl
Diatonic Perfect Immutable System in the new Tonos-15
15
11/10
11/9
11/8
22/15
22/13
11/6
2/1
44/21
11/5
22/9
11/4
44/15
44/13
11/3
14/1
---
tonos17_pis.scl
Diatonic Perfect Immutable System in the new Tonos-17
15
12/11
6/5
4/3
24/17
8/5
24/13
2/1
48/23
24/11
12/5

8/3
48/17
3/1
24/7
4/1

tonos19_pis.scl
Diatonic Perfect Immutable System in the new Tonos-19
15
14/13
7/6
14/11
28/19
14/9
7/4
2/1
56/27
28/13
7/3
28/11
56/19
28/9
7/2
4/1
---

tonos21_pis.scl
Diatonic Perfect Immutable System in the new Tonos-21
15
8/7
16/13
4/3
32/21
32/19
16/9
2/1
32/15
16/7
32/13
8/3
64/21
64/19
32/9
4/1
---

tonos23_pis.scl
Diatonic Perfect Immutable System in the new Tonos-23
15
9/8
9/7
18/13
36/23
12/7
9/5
2/1
36/17
9/4
18/7
36/13
72/23
24/7
18/5
4/1

tonos25_pis.scl
Diatonic Perfect Immutable System in the new Tonos-25
15
9/8
9/7
18/13
36/25
18/11
9/5
2/1
36/17
9/4
18/7
36/13
72/25
36/11
18/5
4/1
---

tonos27_pis.scl
Diatonic Perfect Immutable System in the new Tonos-27
15
10/9
5/4
10/7
40/27
5/3
40/21
2/1
40/19
20/9
5/2
20/7
80/27
10/3
80/21
4/1
---

tonos29_pis.scl
Diatonic Perfect Immutable System in the new Tonos-29
15
11/10
11/9
11/8
44/29
22/13
11/6
2/1
44/21
11/5
22/9
11/4
88/29
44/13
11/3
4/1

tonos31_pis.scl
Diatonic Perfect Immutable System in the new Tonos-31
15
3/22
23/20
23/18
46/31
23/14
23/13
23/12
2/1
23/11
23/10
23/9
92/31
23/7
46/13
4/1
---

tonos31_pis2.scl
Diatonic Perfect Immutable System in the new Tonos-31B
15
12/11
6/5
4/3
48/31
12/7
24/13
2/1
48/23
24/11
12/5
8/3
96/31
24/7
48/13
4/1
---

tonos33_pis.scl
Diatonic Perfect Immutable System in the new Tonos-33
15
12/11
6/5
4/3
16/11
8/5
16/9
2/1
48/23
24/11
12/5
8/3
32/11
16/5
32/9
4/1

Vallotti & Young scale (Vallotti version)
12
94.135
196.090
298.045
392.180
501.955
592.180
698.045
796.090
894.135
1000.000
1090.225
2

vogel.scl
Vogel's 21-tone Archytas system, see Divisions of the tetrachord
21
28/27
16/15
9/8
7/6
32/27
6/5
896/729
512/405
4/3
112/81
64/45
3/2
14/9
128/81
8/5
3584/2187
2048/1215
16/9
448/243
256/135
2/1
---

werck1.scl
Werckmeister I (just intonation)
20
25/24
16/15
10/9
9/8
75/64
6/5
5/4
4/3
25/18
45/32

3/2
25/16
8/5
5/3
27/16
225/128
16/9
9/5
15/8
2/1
---
werck3.scl
Andreas Werckmeister's temperament III (the most famous one, 1681)
12
256/243
192.180 cents
32/27
390.225 cents
4/3
1024/729
696.090 cents
128/81
888.270 cents
16/9
1092.180 cents
2/1
---
werck4.scl
Andreas Werckmeister's temperament IV
12
82.406 cents
196.090 cents
32/27
392.180 cents
4/3
1024/729
694.135 cents
784.361 cents
890.225 cents
1003.910 cents
4096/2187
2/1
---
werck5.scl
Andreas Werckmeister's temperament V
12
96.091 cents
9/8
300.000 cents
396.090 cents
503.910 cents
600.000 cents
3/2
128/81
900.000 cents
1001.955 cents
1098.045 cents
2/1
---
werck6.scl
Andreas Werckmeister's "septenarius" tuning VI
12
98/93
49/44
196/165
49/39
4/3
196/139
196/131
49/31
196/117
98/55
49/26
2/1
---
werck6_dup.scl
Andreas Werckmeister's VI in the interpretation by Dupont (1935)
12
256/243
187.153 cents
297.486 cents
394.414 cents
4/3
594.973 cents
698.604 cents
792.180 cents
892.459 cents
999.441 cents
1096.369 cents
2/1
---
winnington.scl
Winnington-Ingram's Spondeion
5
12/11
4/3
3/2
18/11
2/1

WURSCHMIDT_31.scl Wuerschmidt's 31-tone system
31
128/125
25/24
16/15
1125/1024
9/8
144/125
75/64
6/5
625/512
5/4
32/25
125/96
4/3
512/375
25/18
36/25
375/256
3/2
192/125
25/16
8/5
1024/625
5/3
128/75
125/72
16/9
2048/1125
15/8
48/25
125/64
2/1
---
xenakis_chrom.scl
Xenakis's Byzantine Liturgical mode, 5 + 19 +6 parts
7
83.333 cents
400.000 cents
500.000 cents
700.000 cents
783.333 cents
1100.000 cents
2/1
---
xenakis_diat.scl
Xenakis's Byzantine Liturgical mode, 12 + 11 +7 parts
7
200.000 cents
383.333 cents
500.000 cents
700.000 cents
900.000 cents
1083.333 cents
2/1
---
xenakis_schrom.scl
Xenakis's Byzantine Liturgical mode, 7 + 16 +7 parts
7
116.667 cents
383.333 cents
500.000 cents
700.000 cents
816.667 cents
1083.333 cents
2/1

Vallotti & Young scale (Young version)
12
256/243
196.090 cents
32/27
392.180 cents
4/3
1024/729
698.045 cents
128/81
894.135 cents
16/9
1090.225 cents
2/1

YUGOBAG.SCL
Yugoslavian Bagpipe
12
99.000 cents
202.000 cents
362.000 cents
463.000 cents
655.000 cents
754.000 cents
861.000 cents
949.000 cents
991.000 cents
1047.000 cents
1129.000 cents
2/1

658.344 cents