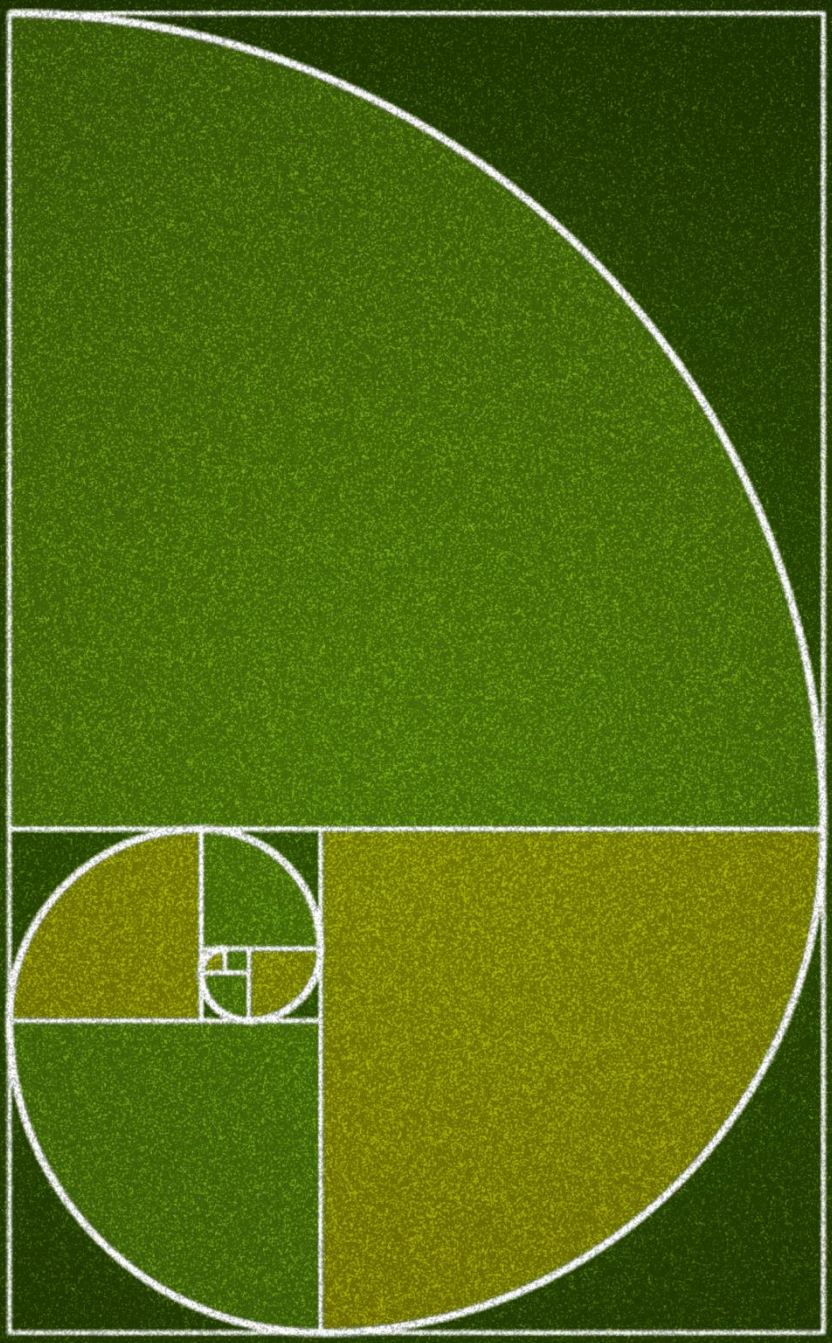

no octaves MTS pack

This free pack contains new tunings and scales for your Xen-Arts virtual synthesizer.

Information

The No Octaves Pack features a variety of tunings which, you guessed it, contain no octaves.

The octave is the interval between one pitch and another at half or double its frequency. It's what makes an A at 440Hz the same identity as an A at 880 or 220Hz.

Wait, aren't octaves really important in music? It's true that almost all of the world's musical traditions use the octave in their tuning. There are exceptions, such as those which repeat at the perfect fifth or perfect twelfth. There's no rule about using octaves.

What does it sound like to use a scale with no octave? Imagine we start from the note A. Without an octave in the scale, there is no higher or lower As anywhere else. It appears only once. So the further you climb up or down the scale, the more unique pitches you will hear, and the futher you'll be from A. It's an ocean of chaos. Pleasant harmonies occur in unexpected places (same goes for the unpleasant). Chord inversions become impossible. All rhyme and reason of what "should" work are thrown out the window. It becomes more important to rely on what sounds good.

This microtuning pack features three families of non-octave scales.

Our first family is the **ED3 (equal divisions of 3/1)**. These are like the common n-TET scales (e.g. 12-TET divides the octave into 12 equal parts). In an ED3, we divide a perfect twelfth (a fifth plus an octave) into equal parts.

Then we have the **EDphi (equal divisions of phi)**. Like ED3 and TET, we divide an interval into a number of equal pieces. This time, that interval is the Golden Ratio (φ, phi). This number is found commonly in nature. As a musical interval, phi is very dissonant. Perhaps the most dissonant of all.

The last family of tunings we have is the CET. These scales repeat at some small interval. To put things simply, these scales have a similar shape to the ED3 and EDphi scales.

Notes

Why no 13 ED3 file? 13 ED3 is also known as the Bohlen-Pierce scale, and is already included with every Xen-Arts synth.

Pack Contents

Equal divisions of 3/1

8 ED3 (stretched version of 5 TET)
9 ED3
10 ED3
11 ED3
12 ED3
13 ED3
14 ED3
15 ED3
16 ED3
17 ED3
18 ED3
19 ED3 (stretched version of 12 TET)

Equal divisions of the Golden Ratio (phi)

4 EDphi
5 EDphi
6 EDphi
7 EDphi
8 EDphi
9 EDphi
10 EDphi
11 EDphi
12 EDphi

Cent equal temperaments

65 CET
88 CET

This pack of microtunings was downloaded from **sevish.com** – Head there for more tuning packs and to check out my microtonal music.

The microtuning files (.mid) are designed to work with the outstanding, free VST synthesizers from Xen Arts. Download them and make some microtonal music!