

Assignment 11
Due Tuesday, November 12, 2013

On page 253-254 work exercises: 9, 10, 11.

Download the Pythagorean scale spreadsheet that was discussed in class and contains many of the major diatonic scales in Pythagorean intonation. There is also a pdf version if you prefer to use that, but the spreadsheet has the advantage that you can use it to do calculations that may be helpful to you. The following questions have to do with using the spreadsheet.

1. The spread sheets shows the tunings relative to C for the following major scales: C, G, D, A, E, B, F#, C#, F, Bflat, Eflat, Aflat, and Dflat. Use the work done on the spreadsheet and generate the scales for Gflat and Cflat,
2. Compare the Cflat scale with the B scale. In principle they should be the same scale. How are they different?
3. Compare the Gflat scale with the F# scale. How are they different?