

# Math Coffee

## Eine Kleine Music Theory

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Mathematics Department

Whereas the artist's palette consists of colors, the composer's palette consists of sounds. To construct sounds of melody and harmony, different pitches are needed, but which ones do we put on our palette? The major diatonic scale is a well-known option. We will mathematically construct several different versions of this scale, each arguably the "correct" one, but none of them identical. To illustrate the examples, the sounds of MATHEMATICA will be used.

Thursday, April 7th

4:15 – 4:45 pm

151 Cowley

Coffee and cookies 4:00 – 4:15, 102 Cowley.