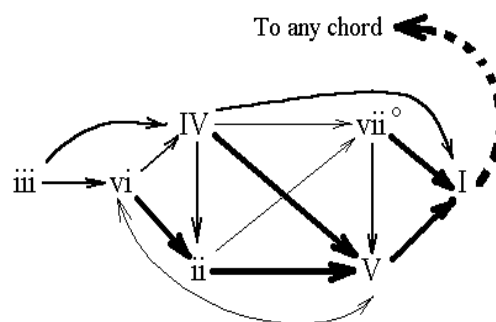


Baroque-Era Algorithmic Composition

Computer Systems Lab 2008-2009

This program writes music. Simply put, that is actually a relatively accurate summary of what this program does. Through a series of pseudo-randomly selected chords, user-generated constraints and constraint satisfaction code, this program writes music. The output is handled by a very handy programming language called lilypond, that engraves the generated musical progression into an outputted png and pdf. The output is also ported to a midi file so the user can hear what the program just wrote.

Kevin Deisz



Major Key Chord Progressions

$\text{♩} = 160$

6

12