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Web Production

December 4, 2024

Final Project Proposal

I intend to create an interactive, musicological website that explores one or two specific aspects of a pre-existing (or potentially original) composition. I intend to represent pitches visually that can be played individually and then in sequence or at the same time to explore the relationship between composition, score and actual perceived sound. There will be a variety of elements of (audio) data visualization both in the form of score, spectrogram and creative interpretation; this last piece will include color, typography and other web-aesthetic choices based around the chosen composition. What this means effectively is that there will be "notes" represented in a visual form that can be clicked on and played in different arrangements as required by the specific composition. I intend to focus on a very small piece—the opening four notes of Beethoven's Fifth Symphony, for example (though I probably won't use this)—of a larger work that is demonstrative of what makes that composition function as a whole. I intend to have musical-morphological aspects such as the intervals between notes appear and disappear so as to elucidate the underlying mechanisms of the music. Another part of this project will be representing these musicological aspects in creative and artistic ways to show the relationship between basic mechanics of music and the larger, conceptual ideas that music evokes in the listener.
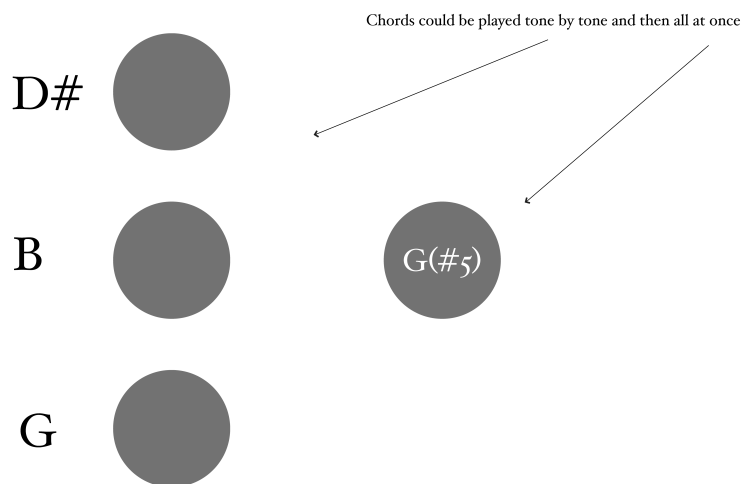
Mockups:

D

C

A

A

G

D

C

A

A

G
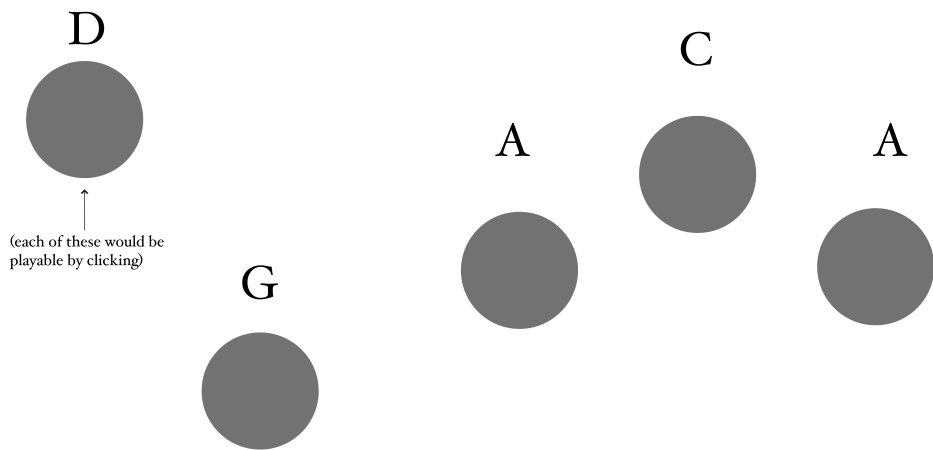
G
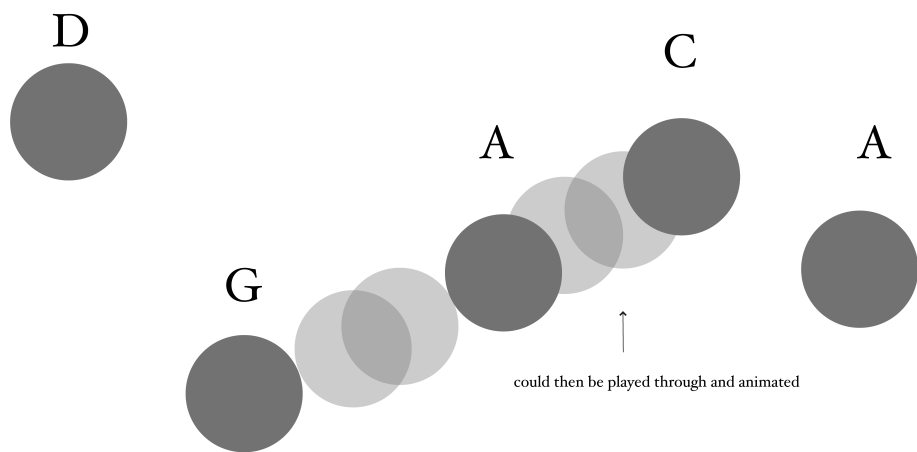
could then be played through and animated

Chords could be played tone by tone and then all at once

D#

B

G

G(#5)

Willow Weep for Me (as an example)

Inspiration/Ideas
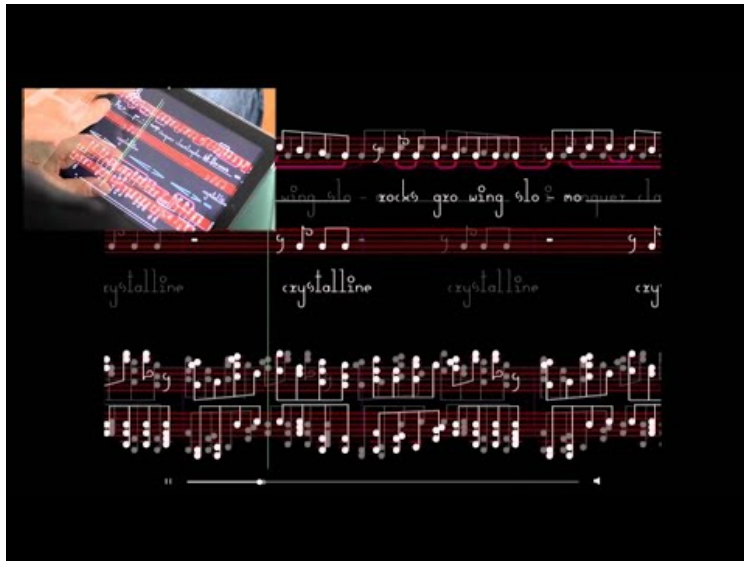
Bjork's constellation themed mobile

app for Biophilia (2011) which was

acquired by MoMA in 2014.