1. Introduction
   1. Goal of the project: Compose music using a Hidden Markov Model
   2. Motivation
      1. Lots of theory that goes into the composition of music, some of this is captured in things such as notes.
      2. However, a Hidden Markov model could be used to capture….all of the hidden things
      3. Is it possible to compose music that sounds pretty good using Hidden Markov Models?
2. Methods
   1. Graphical model of the system – Hidden Markov Model
   2. Implementation of Baum-Welch Algorithm
3. Results
   1. Comparison of training song and composed song
   2. Screen shot of GarageBand
   3. Time plot of comparing velocity for training and composed song
   4. Way to measure the similarity between songs?
      1. See paper
4. Further Work
   1. Ways to incorporate more than one instrument