Automated Instructional Aid for Reading Sheet Music
Albert Ng, Asif Khan
Department of Electrical Engineering, Stanford University

Motivation

Processing Pipeline

Experimental Results

Future Work

- Binarization
- Staff Line Removal
- Symbol Group Segmentation
- MIDI Synthesis
- Note Recognition
- Note Segmentation

Experimental Results

- False Positives: 0
  Detected: 49/49 (100%)
  Classified: 49/49 (100%)

- False Positives: 9
  Detected: 323/334 (97%)
  Classified: 323/323 (100%)

- False Positives: 3
  Detected: 42/42 (100%)
  Classified: 34/42 (81%)