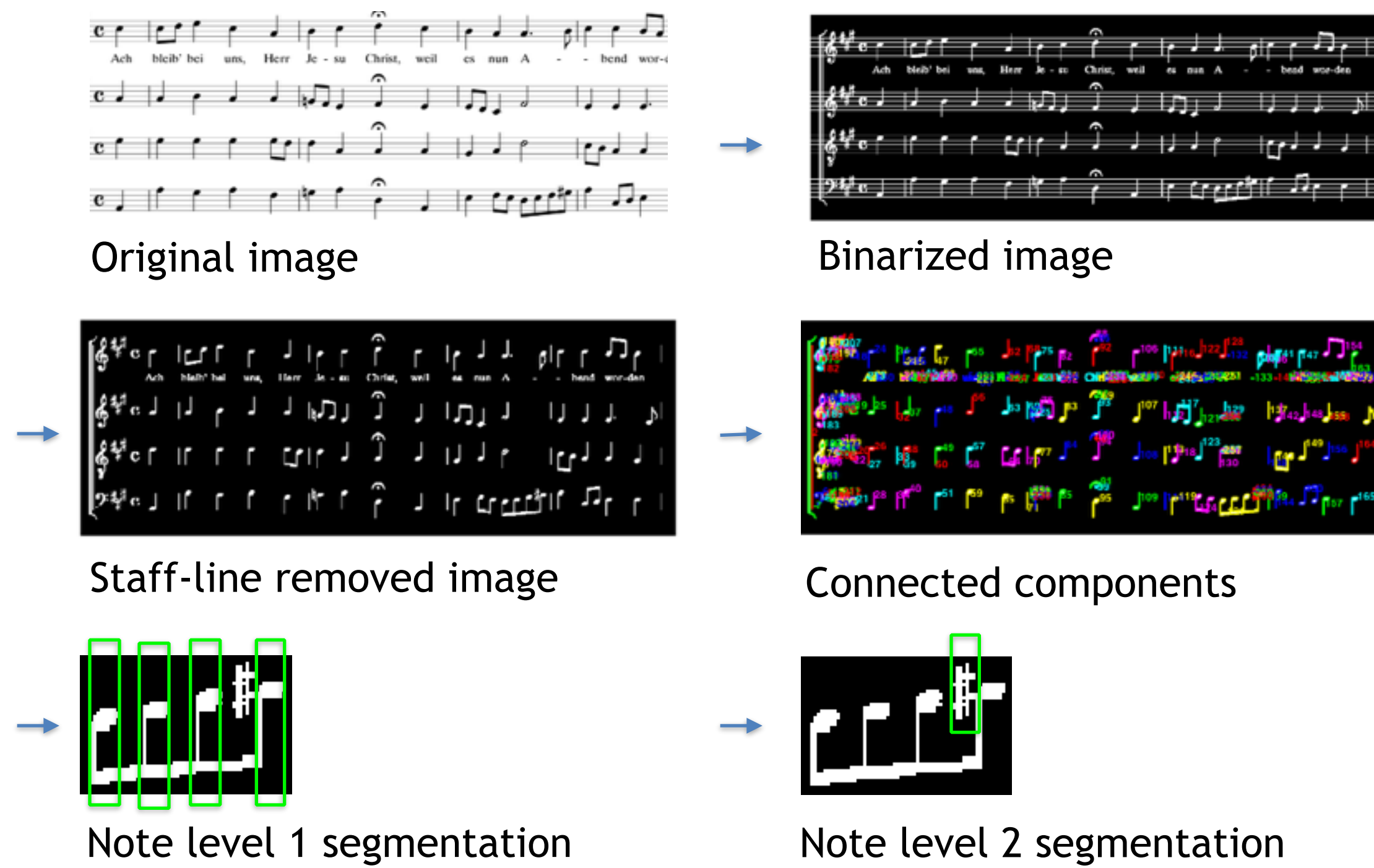


Optical music recognition system

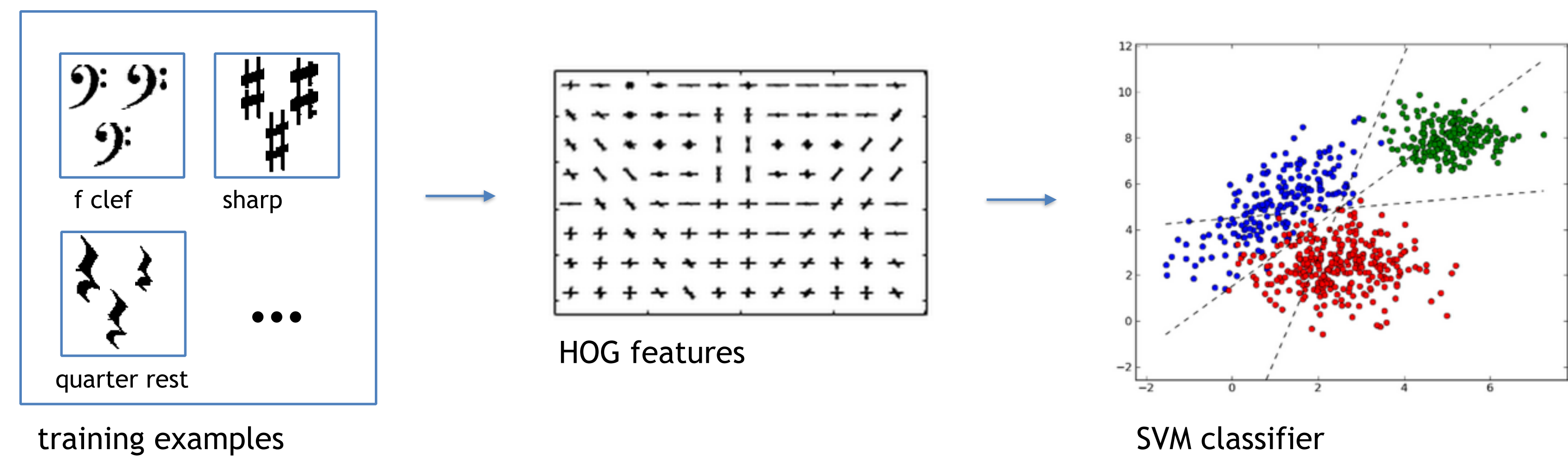
Tal Stramer

Department of Computer, Stanford University

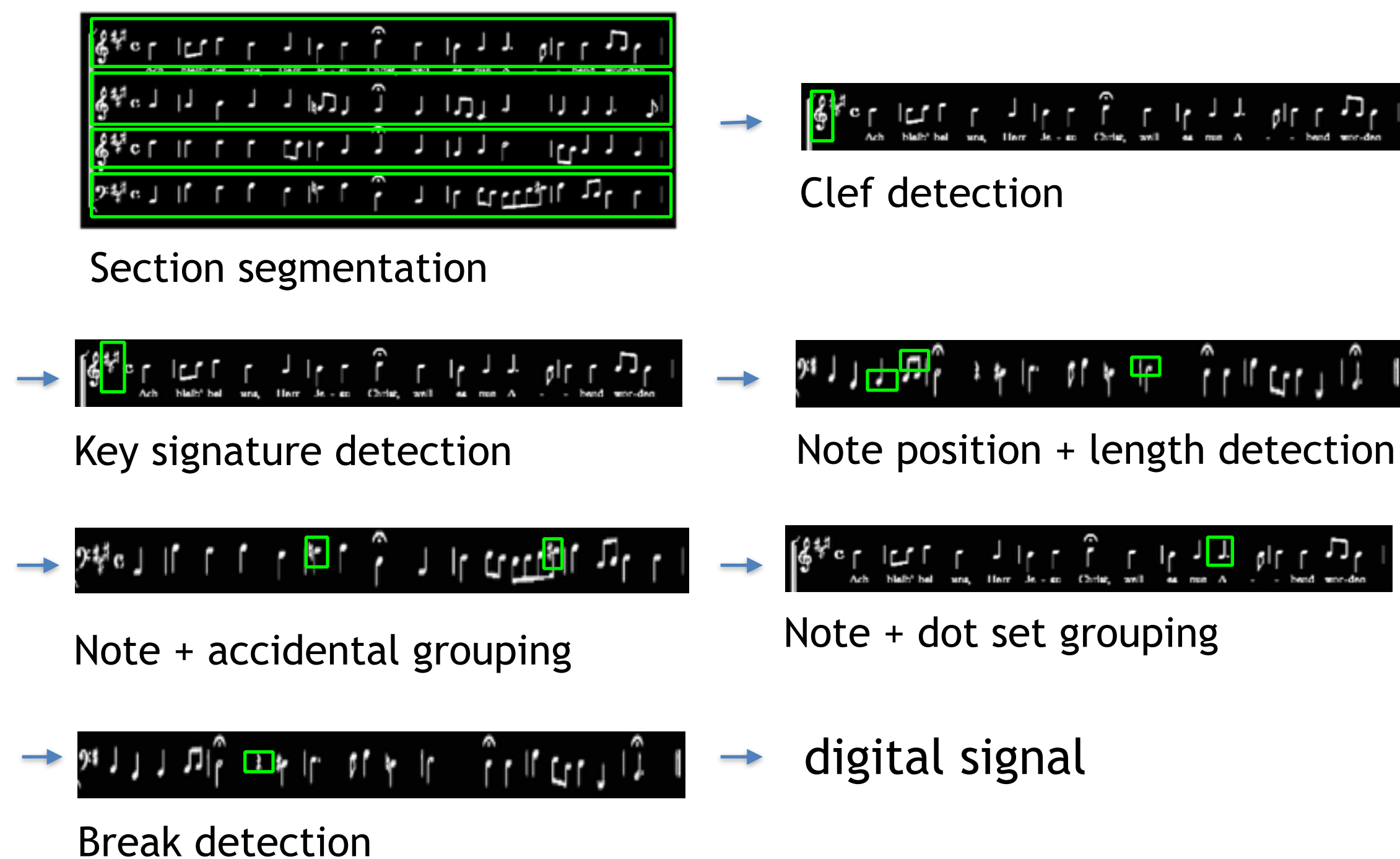
Low-level processing



Symbol classification



Semantic understanding



Results

1. 5 test songs
2. 85% correctly classified notes
3. 92% correctly classified note length
4. 100% correctly classified clef + key signature
5. 95% correctly classified breaks

Links

1. Scores: <http://scores.ccarh.org/bach/chorale/chorales.pdf>
2. Symbol training set: <https://github.com/acieroid/overscore/tree/master/training-set>