# MUSI6201 Assignment 3

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## Maximum Spectral Peak Based Pitch Tracker

If the block size is 1024 and the sampling frequency is 44100, the resolution of the pitch tracker would be equal to . In this case, the resolution would be equal to approximately 43 Hz. A method to improve the frequency resolution without changing the block size or sampling frequency would be to implement zero padding. Even if the block size remains the same, zero padding can increase the number of points and therefore increase the resolution of the fft.

## Harmonic Product Based Pitch Tracker

## Voicing Detection

## Different Evaluation Metrics

## Evaluation

## Improving Pitch Trackers