

Wavetable

Circular Buffer

Overruns, Underruns

Pitch Detection

Pitch Detection

A Primer

- Studied since 19th^C
- Active research area - new papers published every year, but mono is basically solved
- Two main schools - waveform (time) and spectrum (place)
- Objective: determine the period of repetition in a cyclical waveform
- Pitfalls: octave errors, missing fundamental, band-limited spectra, AM carrier vs. AM modulator, effect of reverbs etc.